

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th of May 1888—contd.

| Meteorological Division. | District.              | Station.            | RAINFALL.            |                      |                     |                      |                        |                       |                     | TOTAL.       |            | Total monthly rainfall since 1st of month. | Average total rainfall from 1st of month. | Total rainfall since 15th May. | Average rainfall from 15th May to date. |      |
|--------------------------|------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|------------------------|-----------------------|---------------------|--------------|------------|--|---|--------------------------------|---|------|
|                          |                        |                     | Sundays to 31st May. | Sundays to 31st May. | Monday to 31st May. | Tuesday to 31st May. | Wednesday to 31st May. | Thursday to 31st May. | Friday to 31st May. | No. of days. | in inches. |  |   |                                |   |      |
| EAST BOMBAY.—continued.  | Northbolly             | Gondwadi Bungalow   | 0.05                 | 0.38                 |                     |                      |                        |                       |                     | 8.4          | 2.1        | 0.81                                       |   | 8.1                            |   |      |
|                          |                        | Northbolly Bungalow |                      |                      |                     | 3.45                 | 0.32                   | 0.20                  | 0.15                | 2            | 4.75       | 0.38                                       | 8.91                                      | 4.50                           |   |      |
|                          |                        | Harishpore Bungalow |                      |                      |                     | 0.74                 | 4.40                   | 1.71                  |                     | 2            | 1.85       | 2.21                                       | 7.10                                      | 1.40                           |   |      |
|                          | Purandarpore           | Madhivane           |                      |                      |                     |                      |                        |                       |                     | Nil          | Nil        | 1.00                                       | 8.90                                      | Nil                            | 0.74                                    |      |
|                          |                        | Purandarpore        |                      |                      |                     |                      |                        |                       |                     | Nil          | Nil        | 1.17                                       | 4.90                                      | Nil                            | 0.76                                    |      |
|                          |                        | Goahind             |                      |                      |                     |                      |                        |                       |                     | Nil          | Nil        | 1.51                                       | 4.68                                      | Nil                            | 0.77                                    |      |
|                          | Dacca                  | Mungukhore Dacca    |                      |                      |                     |                      | 0.10                   |                       | 0.18                | 2            | 0.28       | 1.06                                       | 0.32                                      | 0.20                           |   | 0.17 |
|                          |                        | Nasimkhore          |                      |                      |                     |                      | 0.07                   |                       | 0.14                | 2            | 0.21       | 1.10                                       | 0.39                                      | 1.51                           |   | 0.30 |
|                          |                        | Mulla Khore         |                      |                      |                     |                      | 0.18                   |                       | 0.15                | 2            | 0.33       | 1.47                                       | 0.39                                      | 0.33                           |   | 0.30 |
|                          | Hill Tipperah Tipperah | Jupichore           |                      |                      |                     |                      |                        | 1.10                  | 1.50                | 0.17         | 3          | 2.77                                       | 4.31                                      | 0.73                           | 0.37                                    |      |
| Azartola                 |                        |                     |                      |                      |                     | 1.10                 |                        | 0.75                  | 2                   | 1.85         | 3.71       | 7.08                                       | 1.78                                      |                                | 0.78                                    |      |
| Chandia                  |                        |                     |                      |                      |                     | 0.32                 |                        | 0.67                  | 2                   | 0.99         | 4.01       | 0.50                                       | 0.50                                      |                                | 0.40                                    |      |
| Chandia Th               |                        |                     |                      |                      |                     | 0.41                 |                        | 0.75                  | 2                   | 1.16         | 1.66       | 0.53                                       | 0.53                                      |                                | 0.78                                    |      |
| Kamarkhata               |                        |                     |                      |                      |                     | 1.07                 |                        | 0.18                  | 2                   | 1.25         | 0.23       | 0.92                                       | 0.32                                      |                                | 0.32                                    |      |
| Kamarkhata               |                        |                     |                      |                      |                     | 2.43                 |                        | 0.21                  | 2                   | 2.64         | 0.41       | 2.70                                       | 2.70                                      |                                | 0.32                                    |      |
| Aciruppar                |                        |                     |                      |                      |                     | 2.05                 |                        | 0.20                  | 2                   | 2.25         | 1.48       | 1  | 3.16                                      |                                | 1                                       |      |
| Handwadi                 |                        |                     |                      |                      |                     | 0.15                 |                        | 0.15                  | 2                   | 0.30         | 0.30       | 1  | 1.06                                      |                                | 1                                       |      |
| Kach                     |                        |                     |                      |                      |                     | 0.13                 |                        | 0.15                  | 2                   | 0.28         | 0.28       | 1  | 1.06                                      |                                | 1                                       |      |
| Kach                     |                        |                     |                      |                      |                     | 0.21                 |                        | 0.74                  | 2                   | 1.15         | 0.20       | 1  | 1.35                                      |                                | 1                                       |      |
| Mymensingh               | Kutubkhore             |                     |                      |                      |                     | 1.73                 | 0.27                   | 1.32                  | 5                   | 3.32         | 0.23       | 0.32                                       | 3.91                                      |                                | 1.00                                    |      |
|                          | Ata (Tangul)           |                     |                      |                      |                     | 1.77                 | 0.10                   | 1.87                  | 4                   | 1.87         | 7.88       | 0.40                                       | 4.38                                      |                                | 0.30                                    |      |
|                          | Mymensingh             | 0.12                | 0.12                 |                      |                     | 1.75                 | 0.13                   | 2.11                  | 5                   | 2.99         | 1.09       | 0.53                                       | 8.10                                      |                                | 0.60                                    |      |
| Feroza                   | Salomakhore            |                     |                      | 0.10                 |                     | 0.10                 |                        | 0.10                  | 2                   | 0.20         | 3.30       | 1  | 3.30                                      |                                | 1                                       |      |
|                          | Feroza                 | 0.10                |                      |                      |                     | 0.10                 |                        | 0.10                  | 2                   | 0.20         | 7.10       | 1  | 7.10                                      |                                | 1                                       |      |
|                          | Feroza                 | 1.72                |                      |                      |                     | 0.26                 |                        | 1.10                  | 2                   | 2.08         | 3.01       | 1  | 3.01                                      |                                | 1                                       |      |
| Rangpur                  | Shahpore               |                     |                      |                      |                     | 0.15                 | 0.05                   | 0.15                  | 3                   | 0.35         | 2.46       | 0.51                                       | 1.41                                      |                                | 0.51                                    |      |
|                          | Rangpur                |                     |                      |                      |                     | 0.15                 | 0.15                   | 0.35                  | 3                   | 0.65         | 2.28       | 3.72                                       | 1.42                                      |                                | 0.50                                    |      |
|                          | Rangpur                |                     |                      |                      |                     | 0.27                 | 0.15                   | 0.42                  | 3                   | 0.84         | 1.74       | 4.30                                       | 0.51                                      |                                | 0.50                                    |      |
| Rajshahi                 | Rajshahi               |                     |                      |                      |                     | 0.17                 | 0.15                   | 0.32                  | 3                   | 0.64         | 3.93       | 0.97                                       | 1.70                                      |                                | 0.50                                    |      |
|                          | Rajshahi               |                     |                      |                      |                     | 0.15                 | 0.15                   | 0.30                  | 3                   | 0.60         | 2.91       | 0.70                                       | 1.20                                      |                                | 0.50                                    |      |
|                          | Rajshahi               |                     |                      |                      |                     |                      |                        |                       |                     |              |            |  |   |                                |   |      |

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th of May 1883—*conold.*

[illegible]

*Hyphenation*—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting the corresponding spaces in the total rainfall columns are left blank.

Caserta, the 18th May 1888.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS  
TAKEN IN BENGAL AND OF THE METEOROLOGICAL OBSERVATIONS  
TAKEN IN ASSAM FOR THE WEEK ENDING FRIDAY, THE 18TH OF  
MAY 1888.**

At the close of the previous week the meteorological conditions in Bengal were of the ordinary hot-weather nature, and except that a few local storms with rain continued to occur in most of the divisions, there were no points calling for any particular remark. In the south of the Bay, however, conditions had distinctly altered, and the first advance of south-westerly monsoon winds had taken place at the South Ceylon stations, and in front of this advance a small cyclonic storm had formed, the centre of which was situated on Friday, the 11th, a short distance from the South Madras coast to the east-north-east of Negapatam. The storm was by no means an intense one, and it during the night of the 11th advanced across the coast in a westerly or west-north-westerly direction, the centre apparently passing near Cuddalore, and on the morning of the 12th the centre was well inland to the north-west of Negapatam. Though the storm was by no means an intense one, yet it gave strong winds, a rough sea, and rather squally weather along the whole of the coast from Madras southwards. On the 13th the small storm had again advanced in a north-westerly direction, but it had rather rapidly filled up, and had practically disappeared. This advance of the monsoon winds was rather a feeble one, and it does not appear to have advanced as a definite moisture bearing current very far up the Bay, but the low pressure, which apparently accompanied its advance in the south of the Bay, afterwards spread in a northerly direction, and a wave, or perhaps two waves of decidedly low pressure, have advanced over the Bay into Bengal. The first rapid fall of pressure in the north of the Bay took place on the 13th, and continued on the 14th, when at some stations pressure fell by no less than a fifth of an inch during the two days; on the 15th there was a slight recovery; but on the 16th a further very rapid fall commenced, which was greatest on the Burma coast and in Orissa, and there was again a very large decrease on the 17th off the Arakan and Pegu coasts, the fall in some cases exceeding 0.15 inch. This caused a very distinct low-pressure area to be formed to the south-west of Akyab, and this diffused depression was accompanied by a distinct cyclonic circulation of winds. The depression probably gave somewhat squally weather over the northern half of the Bay on this day; but it did not concentrate or develop into any definite storm, and on the following day the area of low pressure advanced over South Bengal, when the pressure recorded became extremely low, as for instance Balasore registered 29.544 inches—a pressure almost as low as is generally recorded at the commencement of the rainy season. Beyond, however, this abnormal pressure and bringing up with it moderately strong, but very moist, winds, and giving rather numerous showers, the depression did not influence the weather in Bengal to any material extent, and it subsequently passed into the interior of the province and afterwards appeared in Behar.

The conditions in Bengal during the week have been therefore slightly more disturbed than they were in the previous week, and local storms with rain have again been rather numerous, particularly after the appearance of the low pressures above recorded. These storms have again been most numerous in East and North Bengal, and less numerous in North Behar, South-West Bengal and Orissa, but still a few showers have fallen in the present week in South Behar, though in Chutia Nagpore rainfall has been almost absent. In Assam moderate rain has fallen almost throughout the week.

**Pressure.**—Had at the end of the previous week been nearly a fifth of an inch above the normal over a large part of the province, but the changes during the present week have caused the mean pressure to become below the normal, and taking into consideration only those stations from which records have been received for a long series of years, the average pressure of the province of Bengal for the week has been 0.04 inch in defect of the normal, the defect being largest at such stations as Calcutta, Berhampore, Purneah, and Durbhanga, where it equals 0.05 inch. In Assam the mean defect is even larger, and it equals 0.052 inch. On Friday, the 18th, pressure was generally in defect of the normal by amounts varying from a tenth to a fifth of an inch.

**Temperature.**—The variations of temperature during the week have been of little importance, and it has been rather largely above the normal in almost all districts. In Chutia Nagpore the excess in the mean temperature has averaged about four degrees; in South Behar, South-West Bengal, and Orissa it has averaged about three degrees; in East Bengal nearly two degrees, and in North Bengal and North Behar less than one. For the whole of Bengal temperature has therefore been 2.2° in excess of the normal. In Assam, on the other hand, the variation has been small, and temperature has been in excess of the normal by only 0.3°. The highest maximum temperatures reported this week have been 111.9° at Dohree on the 17th and 109.4° at Cuttack also on the 17th.

**Rainfall.**—Has been rather below the normal over the whole province. In East Bengal the fall has averaged 1.20 inches, which is equal to the normal fall. North Bengal has received an average fall of a little more than an inch, or about two-thirds of the normal. The fall in Orissa has been about half an inch, or little more than half the usual normal. In North Behar it has only averaged four-tenths of an inch, or about two-thirds of the normal fall. In South-West Bengal an average fall of little more than a third of an inch is reported, or about a third of the ordinary fall at this period. In South Behar the fall has only averaged a little more than a quarter of an inch which is, however, about two-thirds of the normal fall, while Chutia Nagpore has been almost rainless.

Turning up the rainfall rather more in detail, the following districts have received fairly good falls: in South-West Bengal—24 Pargunnahs, Howrah, and Hooghly; in East Bengal—Bogra, Moulvibazar, Tipperah, and Mymensingh; in North Bengal—Pabna, Bogra, and Jessore; in North Behar—Purneah and Durbhanga; and in South Behar—the Moughyr District. On the other hand, the following districts have received

very deficient rainfall: in Orissa—the Pooree and Outtaek districts; in South-West Bengal—Midnapore, Burdwan, Birbhoom, Moorsshedabad, Nuddes, Khoolna, and Jessore; in East Bengal—Burisal, Furreedpore, and Dacca; in North Behar—Mosufferpore, Chumpana, and Saran; in South Behar—Shahabad, Patna, and Gya; and in Chutia Nagpur—all districts.

In Assam during the week Silchar has received 4.22 inches, Sibsagar 8.55 inches, and Dhubri 8.51 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 18th of May 1888:—

| METEOROLOGICAL<br>DIVISIONS. | TEMPERATURE.                  |                              |                         |                        |                       |  |          | RAINFALL.       |            |                         |                                |            |                     |                 |          |                 |
|------------------------------|-------------------------------|------------------------------|-------------------------|------------------------|-----------------------|--|----------|-----------------|------------|-------------------------|--------------------------------|------------|---------------------|-----------------|----------|-----------------|
|                              | Highest observed during week. | Lowest observed during week. | Averages for week.      |                        |                       | Average mean of week above or below normal mean of week. | Of week. |                 |            | Rainy days.             |                                |            | Since 1st of month. |                 | Average. | Normal average. |
|                              |                               |                              | Of highest of each day. | Of lowest of each day. | Of mean for each day. |  | Average. | Normal average. | Variation. | Average number in week. | Normal average number in week. | Variation. | Average.            | Normal average. |          |                 |
|                              |                               |                              |                         |                        |                       |  |          |                 |            |                         |                                |            |                     |                 |          |                 |
|                              |                               |                              |                         |                        |                       |  |          |                 |            |                         |                                |            |                     |                 |          |                 |
| Orissa.                      | 109.4                         | 78.6                         | 98.1                    | 80.9                   | 88.6                  | +2.7   | 0.80     | 0.70            | -0.10      | 1.0                     | 1.8                            | -0.8       | 0.80                | 2.11            | 0.40     | 0.80            |
| South-West Bengal.           | 106.9                         | 70.6                         | 94.7                    | 78.9                   | 85.3                  | +2.5   | 0.38     | 1.08            | -0.70      | 1.1                     | 1.8                            | -0.7       | 1.42                | 5.15            | 0.33     | 0.40            |
| East Bengal.                 | 99.0                          | 68.6                         | 90.8                    | 75.6                   | 84.4                  | +1.8   | 1.30     | 1.30            | 0          | 2.7                     | 2.7                            | 0          | 2.51                | 5.73            | 1.76     | 0.70            |
| North Bengal.                | 103.1                         | 64.7                         | 82.9                    | 73.3                   | 85.0                  | +0.8   | 1.08     | 1.34            | -0.26      | 2.0                     | 2.3                            | -0.3       | 2.15                | 4.16            | 0.75     | 0.80            |
| North Behar.                 | 102.8                         | 67.4                         | 85.6                    | 75.9                   | 85.3                  | +0.7   | 0.44     | 0.87            | -0.43      | 0.6                     | 0.8                            | -0.2       | 0.58                | 1.71            | 0.40     | 0.51            |
| South Behar.                 | 111.9                         | 67.0                         | 104.0                   | 78.3                   | 92.4                  | +3.1   | 0.38     | 0.38            | -0.10      | 0.6                     | 0.8                            | -0.2       | 0.45                | 1.08            | 0.35     | 0.38            |
| Chutia Nagpur.               | 104.5                         | 72.9                         | 100.7                   | 77.3                   | 89.9                  | +8.9   | 0.03     | 0.45            | -0.42      | 0.6                     | 1.2                            | -0.6       | 0.35                | 1.37            | 0.03     | 0.43            |
| Assam.                       | 95.3                          | 64.3                         | 80.8                    | 72.6                   | 79.2                  | +0.5   |          |                 |            |                         |                                |            |                     |                 |          |                 |

\* Chybamsee not included.

METEOROLOGICAL OFFICE, BENGAL;

A. PEILKE,

The 18th May 1888.

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 13th to 19th May 1888.

| Month. | Date. | TEMPERATURE. |          |        |          | Mean wet bulb. | HYGROMETRY.     |            |           | Ref.    |
|--------|-------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|---------|
|        |       | Mean.        | Maximum. | Range. | Minimum. |                | Vapour tension. | Dew point. | Humidity. |         |
| 1888.  |       |              |          |        |          |                | Inches.         |            | %         | Inches. |
| May    | 13th  | 86.3         | 98.2     | 16.0   | 79.3     | 79.3           | .908            | 76.3       | 73        | —       |
| "      | 14th  | 88.5         | 96.5     | 14.4   | 81.2     | 80.3           | .948            | 77.6       | 73        | —       |
| "      | 15th  | 87.8         | 101.0    | 18.0   | 83.0     | 81.7           | 1.002           | 79.3       | 76        | —       |
| "      | 16th  | 88.4         | 102.0    | 20.0   | 82.0     | 82.7           | 1.042           | 80.5       | 77        | —       |
| "      | 17th  | 81.4         | 93.2     | 20.2   | 78.0     | 77.9           | .910            | 76.4       | 85        | 1.76    |
| "      | 18th  | 86.5         | 98.0     | 16.2   | 79.8     | 81.8           | 1.024           | 80.0       | 81        | —       |
| "      | 19th  | 85.9         | 99.0     | 21.4   | 77.6     | 79.2           | .941            | 77.4       | 76        | —       |

The mean temperature of the seven days

The extreme variation of temperature

The maximum temperature

The mean relative humidity

The total fall of rain from 13th to 19th May 1888

The mean temperature and humidity are obtained by applying to the mean of the 10th, 15th, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

A. PEILKE,

The 21st May 1888.

For Offg. Meteorological Reporter to the Govt. of India.

| Month. | Date. | Maximum in sun. | Number of hours of bright sunshine. | Mean pressure barometer at 3° Fahr. | TEMPERATURE. |          |        |          | HYGROMETRY.    |                 |            |           | WIND.                  |                 | Rain.   | WEATHER.                             |
|--------|-------|-----------------|-------------------------------------|-------------------------------------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|------------------------|-----------------|---------|--------------------------------------|
|        |       |                 |                                     |                                     | Mean.        | Maximum. | Range. | Minimum. | Mean wet bulb. | Vapour tension. | Dew point. | Humidity. | Prevailing direction.  | Miles recorded. |         |                                      |
| 1899.  |       | °               |                                     | Inches.                             | °            | °        | °      | °        | °              | Inches          | °          | %         |                        |                 | Inches. |                                      |
| May    | 13th  | 155.5           | 8.2                                 | 29.706                              | 87.8         | 93.5     | 14.8   | 78.7     | 80.3           | 0.040           | 77.4       | 73        | S and SSW              | ...             | 306     | Nil. Chiefly cloudy.                 |
| "      | 14th  | 156.7           | 4.3                                 | 29.648                              | 88.7         | 99.0     | 17.8   | 81.2     | 80.7           | 0.044           | 77.5       | 71        | SSW and SW             | ...             | 258     | " Chiefly cloudy.                    |
| "      | 15th  | 159.8           | 6.4                                 | 29.647                              | 88.7         | 98.5     | 15.7   | 82.8     | 80.7           | 0.044           | 77.5       | 71        | SW and SSW             | ...             | 220     | " Chiefly cloudy, o.                 |
| "      | 16th  | 158.3           | 5.2                                 | 29.583                              | 86.9         | 100.4    | 18.7   | 81.7     | 79.8           | 0.032           | 77.1       | 74        | SSW and variable       | ...             | 164     | 1.27 Partially cloudy, o, s, h, t, < |
| "      | 17th  | 148.8           | 5.8                                 | 29.569                              | 82.5         | 91.3     | 18.0   | 78.3     | 77.8           | 0.084           | 75.5       | 77        | SE by E and variable   | ...             | 90      | Nil. Chiefly cloudy, o.              |
| "      | 18th  | 160.7           | 6.1                                 | 29.507                              | 86.7         | 94.2     | 15.0   | 79.2     | 80.7           | 0.071           | 78.3       | 77        | SE by E and variable.  | ...             | 57      | " Chiefly cloudy, t, <, D.           |
| "      | 19th  | 151.5           | 7.6                                 | 29.498                              | 87.0         | 96.5     | 20.2   | 76.3     | 78.7           | 0.071           | 75.0       | 68        | SSW, SSE and variable. | ...             | 105     | " Chiefly cloudy, o, o.              |

|  |         |
|--|---------|
|  | Inches. |
| The mean pressure of the seven days  | 29.684  |
| The average pressure of the corresponding period for 24 years, S. G.'s Office          | 29.682  |
|  | Hours.  |
| The total number of hours of bright sunshine   | 48.8    |
| The maximum possible number of hours of sunshine                                       | 92.3    |
|  | °       |
| The mean temperature of the seven days   | 87.0    |
| The average temperature of the corresponding period for 24 years, S. G.'s Office       | 86.5    |
| The extreme variation of temperature   | 27.1    |
| The maximum temperature  | 100.4   |
|  | Miles.  |
| The highest velocity of the wind in one hour   | 15      |
|  | lbs.    |
| The highest pressure of wind on one square foot  | 10      |
|  | %       |
| The mean relative humidity   | 73      |
| The average relative humidity of the corresponding period for 24 years, S. G.'s Office | 72      |
|  | Inches. |
| The total fall of rain from 13th to 19th May 1888                                      | 1.27    |
| The average fall of the corresponding period for 24 years, S. G.'s Office              | 0.95    |
| The total fall from 1st January to 19th May 1888                                       | 10.35   |
| The average fall of the corresponding period for 24 years, S. G.'s Office              | 7.39    |

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the New Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 85,  
formerly at the Surveyor-General's Office.

The hypsometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

\* overcast, g gloomy, p passing temporary showers, t thunder, < lightning,  $\Delta$  dew,  $\frac{1}{2}$  dust storm.

**A. PREDER.**

*For Offg. Meteorological Reporter to the Govt. of India.*

FORWARDED OFFICE GOVT. OF INDIA :

February 22, 1968



## MEMORANDUM.

The mortuary statistics of the districts in Bengal for the month of March 1888 present the following results:—

1. That the deaths of 116,225 persons were registered among a population of 66,163,884, representing an annual casualty-rate of 21 per 1,000 against 19·08 in the preceding month, and the same proportion in the corresponding month of the preceding year, indicating, as compared with both the periods, an improvement in the number of deaths recorded.

2. That the following districts returned the highest proportions of deaths:—

| Districts. | Ratio per mille. | Districts.     | Ratio per mille. |
|------------|------------------|----------------|------------------|
| Backerganj | 40·20            | 24. Pergunnahs | 26·76            |
| Birbhum    | 32·40            | Howrah         | 26·52            |
| Darjiling  | 29·76            | Serampore      | 26·40            |
| Rangpore   | 29·40            | Midnapore      | 25·92            |
| Julpaiguri | 28·44            | Bardwan        | 25·68            |
| Khulna     | 28·32            | Puri           | 25·44            |
| Dinajpur   | 27·96            | Rajshahye      | 25·32            |
| Hughli     | 26·88            | Hazaribagh     | 25·32            |

3. That referring to the incidence of the specific death-causes mentioned in the table given below, it is seen that fever prevailed with noticeably high mortality during the month under notice as compared with the results of the corresponding month of the preceding year, and that the fatal results from the other diseases exhibited only fractional variations, excepting bowel-complaints, the death-rate from which was the same as that recorded in March 1887:—

|                  | Ratio per mille during— |             |
|------------------|-------------------------|-------------|
|                  | March 1888.             | March 1887. |
| Cholera          | 1·80                    | 1·66        |
| Small-pox        | ·12                     | ·08         |
| Fever            | 14·64                   | 13·66       |
| Bowel-complaints | ·72                     | ·72         |
| Injury           | ·12                     | ·24         |
| Other causes     | 3·24                    | 2·76        |

4. That cholera and fever exhibited greatest activity in the undermentioned Municipalities, while the rest of the diseases did not display noticeable fatality anywhere, excepting in Puri and in Tipperah, where 14·16 and 10·66 per 1,000 of the population, respectively, died from the maladies classed under the head of Other causes:—

| Cholera.       |                  | Fever.      |                  |
|----------------|------------------|-------------|------------------|
|                | Ratio per mille. |             | Ratio per mille. |
| Backerganj     | 18·00            | Rangpore    | 20·76            |
| Khulna         | 7·68             | Dinajpur    | 26·40            |
| 24. Pergunnahs | 7·32             | Julpaiguri  | 26·40            |
| Howrah         | 6·36             | Birbhum     | 23·40            |
| Serampore      | 4·80             | Rajshahye   | 23·16            |
| Chittagong     | 4·32             | Darjiling   | 22·00            |
| Puri           | 4·32             | Bogra       | 21·60            |
| Balasore       | 4·08             | Maldah      | 21·60            |
| Jessore        | 3·48             | Hazaribagh  | 20·84            |
| Faridpore      | 3·24             | Purneah     | 20·76            |
| Bardwan        | 3·00             | Murshidabad | 20·24            |
| Tipperah       | 2·76             | Pubna       | 20·04            |
| Midnapore      | 2·64             |             |                  |
| Meabhum        | 2·64             |             |                  |
| Bankura        | 2·52             |             |                  |

5. That the death-rates in relation to Sex, Class and Age stood as noted below:—

| According to Sex.                               |                  | According to Class |                  | According to Age.    |                  |
|---|------------------|--------------------|------------------|----------------------|------------------|
|   | Ratio per mille. |                    | Ratio per mille. |                      | Ratio per mille. |
| Males   | 23·52            | Christians         | 19·68            | Under 1 year         | 140·84           |
| Females   | 18·60            | Hindus             | 20·16            | 1 and under 5 years  | 20·40            |
| Ratio of male deaths to every 100 female deaths | 124              | Mahomedans         | 22·68            | 5 " " 10 "           | 9·24             |
|   |                  | Budhists           | 16·44            | 10 " " 15 "          | 8·64             |
|   |                  | Other classes      | 2·20             | 15 " " 20 "          | 12·96            |
|   |                  |                    |                  | 20 " " 30 "          | 14·52            |
|   |                  |                    |                  | 30 " " 40 "          | 17·60            |
|   |                  |                    |                  | 40 " " 50 "          | 22·80            |
|   |                  |                    |                  | 50 " " 60 "          | 31·92            |
|   |                  |                    |                  | 60 years and upwards | 31·48            |

R. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 21st May 1888.

**MORTALITY ACCORDING TO-**

[illegible]

| DISTRICTS. | MORTALITY ACCORDING TO— |   |   |   |   |   |   |   |   |    | RATIO PER 1,000 OF POPULATION PER ANNUM. |    |    |    |    |    |    |    |    |    | RATIO PER 1,000 OF POPULATION PER ANNUM. |    |    |    |      |    |    |    |    |    |
|------------|-------------------------|---|---|---|---|---|---|---|---|----|--|----|----|----|----|----|----|----|----|----|--|----|----|----|------|----|----|----|----|----|
|            | CLASS.                  |   |   |   |   |   |   |   |   |    | AGE.                                     |    |    |    |    |    |    |    |    |    | SEX.                                     |    |    |    |      |    |    |    |    |    |
|            | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25   | 26 | 27 | 28 | 29 | 30 |
| DISTRICTS. | RURAL.                  |   |   |   |   |   |   |   |   |    | URBAN.                                   |    |    |    |    |    |    |    |    |    | MALE.                                    |    |    |    |      |    |    |    |    |    |
|            | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21                                       | 22 | 23 | 24 | 25</ |    |    |    |    |    |



## MEMORANDUM.

THE table annexed to this memorandum shows—

1. That during the week ending 5th May 1888, the birth and death-rates of the principal Municipalities in Bengal amounted to 16·8 and 25·4 per 1,000 of population respectively, as opposed to 18 and 24·7 per 1,000 respectively, in the preceding week ending 28th April, indicating a retrogression in the registration of births.

2. That the following Municipalities furnished the highest proportions of births and deaths :—

| Births.    |     |                  | Deaths.             |     |                  |
|------------|-----|------------------|---------------------|-----|------------------|
|            |     | Ratio per mille. |                     |     | Ratio per mille. |
| Comillah   | ... | 42·3             | Comillah            | ... | 61·6             |
| Durbhanga  | ... | 37·0             | Utterpara           | ... | 56·6             |
| Bhagulpore | ... | 31·7             | Suburbs of Calcutta | ... | 47·2             |
| Beaulah    | ... | 31·5             | Chittagong          | ... | 47·0             |
| Monghyr    | ... | 29·8             | Durbhanga           | ... | 37·8             |
|            |     |                  | Gya                 | ... | 37·6             |
|            |     |                  | Serampore           | ... | 35·3             |
|            |     |                  | Hughli              | ... | 34·9             |

3. That the mortality from the principal diseases does not exhibit any noticeable differences in comparison with the death-rates from the same diseases during the preceding week :—

|                  |     |     |     |     |     | Ratio per mille during the weeks ending— |                  |
|------------------|-----|-----|-----|-----|-----|--|------------------|
|                  |     |     |     |     |     | 5th May 1888.                            | 28th April 1888. |
| Cholera          | ... | ... | ... | ... | ... | 7·6                                      | 7·8              |
| Small-pox        | ... | ... | ... | ... | ... | 4  | 2                |
| Fever            | ... | ... | ... | ... | ... | 8·2                                      | 8·5              |
| Bowel-complaints | ... | ... | ... | ... | ... | 2·1                                      | 2·0              |
| Injury           | ... | ... | ... | ... | ... | 2  | 3                |
| Other causes     | ... | ... | ... | ... | ... | 6·9                                      | 6·4              |

4. That the suffering from cholera and the maladies classed under the head of "Other causes" was greatest in the undermentioned Municipalities, the other diseases exhibiting no special local severity :—

| Cholera.            |     |                  | Other causes.       |     |                  |
|---------------------|-----|------------------|---------------------|-----|------------------|
|                     |     | Ratio per mille. |                     |     | Ratio per mille. |
| Chittagong          | ... | 42·3             | Comillah            | ... | 34·6             |
| Suburbs of Calcutta | ... | 18·4             | Serampore           | ... | 15·7             |
| Comillah            | ... | 15·4             | Durbhanga           | ... | 14·2             |
| Hughli              | ... | 13·4             | Suburbs of Calcutta | ... | 10·8             |
| Howrah              | ... | 10·8             | Gya                 | ... | 10·2             |
| Patna               | ... | 6·6              |                     |     |                  |
| Dacca               | ... | 5·8              |                     |     |                  |
| Gya                 | ... | 4·8              |                     |     |                  |

5. That the death-rates under the heads of *Sex*, *Class* and *Age* stood as follows :—

| According to Sex.                               |                  | According to Class. |                  | According to Age.    |                  |
|---|------------------|---------------------|------------------|----------------------|------------------|
|   | Ratio per mille. |                     | Ratio per mille. |                      | Ratio per mille. |
| Males   | 27·6             | Christians          | 30·4             | Under 1 year         | 166·3            |
| Females   | 22·9             | Hindus              | 24·5             | 1 and under 5 years  | 3·3              |
| Ratio of male deaths to every 100 female deaths | 136              | Mahomedans          | 27·5             | 5 " 10 "             | 13·6             |
|   |                  |                     |                  | 10 " 15 "            | 1·0              |
|   |                  |                     |                  | 15 " 20 "            | 25·1             |
|   |                  |                     |                  | 20 " 30 "            | 16·1             |
|   |                  |                     |                  | 30 " 40 "            | 20·9             |
|   |                  |                     |                  | 40 " 50 "            | 19·1             |
|   |                  |                     |                  | 50 " 60 "            | 29·5             |
|   |                  |                     |                  | 60 years and upwards | 49·7             |

R. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 21st May 1888.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 31st May 1883.

| DISTRICTS. | NAMES OF MUNICIPALITIES. | POPULATION. |         |        |  |  | BIRTHS.       |            |          |                 |             | MORTALITY ACCORDING TO--                 |         |            |          |                 |             |  |        |          |  | Ratio of male deaths to every 100 female deaths. |  |
|------------|--------------------------|-------------|---------|--------|--|--|---------------|------------|----------|-----------------|-------------|--|---------|------------|----------|-----------------|-------------|--|--------|----------|--|--|--|
|            |                          | Male.       | Female. | Total. | Ratio per 1,000 of population per annum. | Ratio of male births to every 100 female births. | DEATHS FROM-- |            |          |                 |             | RATIO PER 1,000 OF POPULATION PER ANNUM. |         |            |          |                 | DEATHS.     |  |        |          |  |  |  |
|            |                          |             |         |        |  |  | Cholera.      | Dysentery. | Typhoid. | Other diseases. | All causes. | Infants.                                 | Bovine. | Small-pox. | Typhoid. | Other diseases. | All causes. | Ratio of deaths per 1,000 of population per annum. | Males. | Females. | Ratio per 1,000 of population per annum. |  |  |
|            |                          |             |         |        |  |  |               |            |          |                 |             |  |         |            |          |                 |             |  |        |          |  |  |  |
| Bardhaman  | Bardhaman                | 18,000      | 16,917  | 34,917 | 7.6                                      | 132  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 3      | 8        | 8.6                                      | 100  |  |
| Midnapore  | Midnapore                | 18,357      | 16,828  | 35,185 | 8.5                                      | 155  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 138  | 2      | 5        | 6.1                                      | 40   |  |
| Howrah     | Howrah and Calcutta      | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Calcutta   | Calcutta                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chittagong | Chittagong               | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Dacca      | Dacca                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Barisal    | Barisal                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Comilla    | Comilla                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chandpur   | Chandpur                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Joypurhat  | Joypurhat                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Malda      | Malda                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Bankura    | Bankura                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Medinipur  | Medinipur                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Hooghly    | Hooghly                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Howrah     | Howrah                   | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Calcutta   | Calcutta                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chittagong | Chittagong               | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Dacca      | Dacca                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Barisal    | Barisal                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Comilla    | Comilla                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chandpur   | Chandpur                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Joypurhat  | Joypurhat                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Malda      | Malda                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Bankura    | Bankura                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Medinipur  | Medinipur                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Hooghly    | Hooghly                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Howrah     | Howrah                   | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Calcutta   | Calcutta                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chittagong | Chittagong               | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Dacca      | Dacca                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Barisal    | Barisal                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Comilla    | Comilla                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chandpur   | Chandpur                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Joypurhat  | Joypurhat                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Malda      | Malda                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Bankura    | Bankura                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Medinipur  | Medinipur                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Hooghly    | Hooghly                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Howrah     | Howrah                   | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Calcutta   | Calcutta                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chittagong | Chittagong               | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Dacca      | Dacca                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Barisal    | Barisal                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Comilla    | Comilla                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chandpur   | Chandpur                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Joypurhat  | Joypurhat                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Malda      | Malda                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Bankura    | Bankura                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Medinipur  | Medinipur                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Hooghly    | Hooghly                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Howrah     | Howrah                   | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Calcutta   | Calcutta                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chittagong | Chittagong               | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Dacca      | Dacca                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Barisal    | Barisal                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Comilla    | Comilla                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chandpur   | Chandpur                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Joypurhat  | Joypurhat                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Malda      | Malda                    | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Bankura    | Bankura                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Medinipur  | Medinipur                | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Hooghly    | Hooghly                  | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Howrah     | Howrah                   | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Calcutta   | Calcutta                 | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  | 1             | 1          | 1        | 1               | 1           | 1  | 1       | 1          | 1        | 1               | 1           | 137  | 2      | 5        | 6.1                                      | 100  |  |
| Chittagong | Chittagong               | 18,119      | 16,519  | 34,638 | 8.7                                      | 154  |               |            |          |                 |             |  |         |            |          |                 |             |  |        |          |  |  |  |

[illegible]

**H. LIDDESDALE, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.**

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,  
*The 21st May 1888.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing quantities of Goods carried during the month of March 1888.

## ORISSA CIRCLE.

## TALDUNDAR CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDAR CANAL, 27 MILES.  
MACHODONG " 4 " }

| Number of boats or rafts.                     | DESCRIPTION.                      | TOTAL GOVERNMENT AND PRIVATE. |                  |                  | PRIVATE.   |         | REMARKS.  |
|---|-----------------------------------|-------------------------------|------------------|------------------|--|---------|-----------|
|   |                                   | Quantity—Tons.                |                  |                  | Quantity.  | Value.  |           |
|   |                                   | Up.                           | Down.            | Total.           | Tons.  | Rupces. |           |
| 29  | 1. Grain                          | .....                         | 433              | 433              | 433  | 9,085   |           |
| ...   | 2. Cotton                         | .....                         | .....            | .....            | .....  | .....   |           |
| .....   | 3. Oilseeds                       | .....                         | .....            | .....            | .....  | .....   |           |
| .....   | 4. Salt                           | .....                         | .....            | .....            | .....  | .....   |           |
| .....   | 5. Piece-goods                    | .....                         | .....            | .....            | .....  | .....   |           |
| .....   | 6. Metal                          | .....                         | .....            | .....            | .....  | .....   |           |
| 37  | 7. Building materials             | .....                         | 382              | 382              | 371  | 890     |           |
| 5   | 8. Miscellaneous                  | .....                         | 47               | 47               | 47   | 4,935   |           |
| 2   | 9. Fuel                           | .....                         | 7                | 7                | 7  | 73      |           |
| 22 rafts                                      | 10. Timber                        | .....                         | 159 No.          | 159 No.          | 159 No.  | 323     |           |
| 76 "  | 11. Bamboos                       | .....                         | 62,900 "         | 62,900 "         | 62,900 "   | 901     |           |
| 73 & 94 rafts.                                | 12. Total                         | .....                         | 860 & 63,059 No. | 860 & 63,059 No. | 858 & 63,059 No.                                 | 15,709  |           |
| 56 & 30 rafts.                                | 13. Total of same month last year | .....                         | 625 & 52,306 No. | 625 & 52,306 No. | 486 & 52,306 No.                                 | 6,924   |           |
|   |                                   | Up.                           | Down.            | Total            |  |         | Rs. A. P. |
| 14. Total number of boats plying cargo        |                                   |                               | 73               | 73               | Total tollage of month—24 + 25 + 26              |         | 498 4 5   |
| 15. Total number of boats plying passenger    |                                   | 28                            | 2                | 30               | Total tollage of same month last year            |         | 488 11 0  |
| 16. Total registered tonnage, cargo           |                                   | .....                         | 1,454            | 1,454            | Memorandum of Tollage.                           |         |           |
| 17. Total registered tonnage, passenger       |                                   | 887                           | 4                | 891              |  |         |           |
| 18. Ton-mileage                               |                                   | 2,661                         | 16,064           | 18,725           |  |         |           |
| 19. Estimated value of cargo                  |                                   | .....                         | 15,035           | 15,035           |  |         |           |
| 20. Number of passengers                      |                                   | 2,636                         | 3                | 2,639            | 1. Balance not recovered on the 1st of the month |         | 199 2 9   |
| 21. Rafts, bamboos                            |                                   | .....                         | 62,900           | 62,900           | 2. Tollage per month                             |         | 498 4 5   |
| 22. Do., bullahs                              |                                   | .....                         | 159              | 159              |  |         |           |
| 23. Estimated value of rafts                  |                                   | .....                         | 1,224            | 1,224            |  |         |           |
| 24. Tollage on boats                          |                                   | 172-12-0                      | 265-14-0         | 437-26-0         | 3. Total   |         | 697 7 2   |
| 25. Compounded tollage on boats               |                                   | .....                         | .....            | .....            |  |         |           |
| 26. Tollage on rafts                          |                                   | .....                         | 59-10-5          | 59-10-5          | 4. Amount credited in the accounts of the month  |         | 559 5 10  |
| 27. Total tollage on boats per ton-mile       |                                   | .....                         | .....            | 0-0-4-42         |  |         |           |
| 28. Total tollage on rafts per 100 cubic feet |                                   | .....                         | .....            | .....            | 5. Balance due at the end of the month           |         | 137 15 4  |

## KENDRAPARA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 75 MILES.

| Number of boats or rafts.                  | DESCRIPTION.                      | TOTAL GOVERNMENT AND PRIVATE. |                         |                         | PRIVATE.   |                         | REMARKS.               |
|--|-----------------------------------|-------------------------------|-------------------------|-------------------------|--|-------------------------|------------------------|
|  |                                   | Quantity—Tons.                |                         |                         | Value.   | Quantity.               |                        |
|  |                                   | Up.                           | Down.                   | Total.                  | Rupess.  | Tons.                   |                        |
| 243  | 1. Grain                          | 923                           | 1,590                   | 2,513                   | 1,42,120   | 2,513                   | 1,42,120               |
| 7  | 2. Cotton                         | 7                             | 91                      | 98                      | 10,720   | 98                      | 10,720                 |
| 20   | 3. Oilseeds                       | 49                            | 53                      | 102                     | 9,920  | 102                     | 9,920                  |
| .....                                      | 4. Salt                           | .....                         | .....                   | .....                   | .....  | .....                   | .....                  |
| .....                                      | 5. Piece-goods                    | .....                         | .....                   | .....                   | .....  | .....                   | .....                  |
| .....                                      | 6. Metal                          | .....                         | .....                   | .....                   | .....  | .....                   | .....                  |
| 88   | 7. Building materials             | .....                         | 1,065                   | 1,065                   | 8,360  | 279                     | 6,840                  |
| 166  | 8. Miscellaneous                  | 575                           | 299                     | 870                     | 1,78,680   | 870                     | 1,78,680               |
| 11   | 9. Fuel                           | 21                            | .....                   | 21                      | 120  | 21                      | 120                    |
| 13 rafts                                   | 10. Timber                        | .....                         | 1,614 No.               | 1,614 No.               | 3,500  | 1,614 No.               | 3,500                  |
| 48 "                                       | 11. Bamboos                       | .....                         | 124,890 "               | 124,890 "               | 1,500  | 124,890 "               | 1,500                  |
| 529 & 61 rafts                             | 12. Total                         | 1,575                         | { 3,094 & 126,504 No. } | { 4,669 & 126,504 No. } | { 3,64,920 }                                     | { 3,883 & 126,504 No. } | { 3,72,900 }           |
| 471 & 56 rafts.                            | 13. Total of same month last year | { 1,496 & 84 No. }            | { 2,159 & 76,146 No. }  | { 3,655 & 76,230 No. }  | { 3,77,970 }                                     | { 3,365 & 76,230 No. }  | { 3,74,580 }           |
| 14. Total number of boats plying cargo     | No.                               | 290                           | 239                     | 529                     | Total tollage of month—<br>24+25+26              |                         | Rs. A. P.<br>5,941 6 5 |
| 15. Total number of boats plying passenger | No.                               | 1,575                         | 3,094                   | 4,669                   | Total tollage of same month last year            |                         | 5,751 15 7             |
| 151. Total number of empty boats           | No.                               | 214                           | 214                     | 428                     | Memorandum of Tollage.                           |                         |                        |
| 16. Total registered tonnage, cargo        | Tons                              | 3,025                         | 4,516                   | 7,541                   | Ra. A. P.  |                         |                        |
| 17. Total registered tonnage, passenger    | Tons                              | 1,157                         | 1,720                   | 2,877                   |  |                         |                        |
| 18. Ton-millage                            | ...                               | 117,683                       | 217,847                 | 364,930                 | 1. Balance not recovered on the 1st of the month | ...                     | 8,324 6 7              |
| 19. Estimated value of cargo               | Rs.                               | 1,78,320                      | 175,700                 | 3,49,920                | 2. Tollage per month                             | ...                     | 5,941 6 5              |
| 20. Number of passengers                   | ...                               | 1,723                         | 3,365                   | 5,090                   | 3. Total   | ...                     | 14,165 13 0            |
| 21. Rafts, timber                          | No.                               | .....                         | 1,614                   | 1,614                   | 4. Amount credited in the accounts of the month  | ...                     | 7,240 9 7              |
| 22. Do., bamboos                           | "                                 | .....                         | 124,890                 | 124,890                 | 5. Balance due of the end of the month           | ...                     | 6,925 3 5              |
| 23. Estimated value of rafts               | ...                               | .....                         | 5,000                   | 5,000                   |  |                         |                        |
| 24. Tollage on boats                       | Rs.                               | 2,616-13-10                   | 3,109-2-10              | 5,726-0-8               |  |                         |                        |
| 25. Compounded tollage on boats            | Rs.                               | .....                         | .....                   | .....                   |  |                         |                        |
| 26. Tollage on rafts                       | "                                 | .....                         | 215-5-9                 | 215-5-9                 |  |                         |                        |
| 27. Total tollage on boats per ton-mile    | ...                               | .....                         | .....                   | 0-0-3                   |  |                         |                        |
| 28. Total tollage on rafts per 100 miles   | ...                               | .....                         | .....                   | 0-2-9                   |  |                         |                        |



## HIGH LEVEL CANAL, RANGE I.

LENGTH OF CANAL OPEN, 33 MILES.

| Number of boats or rafts. | Description.                                  | TOTAL GOVERNMENT AND PRIVATE. |                    |                      | PRIVATE.   |                      | Remarks.   |
|---------------------------|---|-------------------------------|--------------------|----------------------|--|----------------------|------------|
|                           |   | Quantity—Tons.                |                    |                      | Quantity.  | Value.               |            |
|                           |   | Up.                           | Down.              | Total.               | Rupies.  | Tons.                |            |
| 143                       | 1. Grain ...                                  | 492                           | 4                  | 496                  | 35,610   | 490                  | 35,610     |
| 1                         | 2. Cotton ...                                 | .....                         | 7                  | 7                    | 2,000  | 7                    | 2,000      |
| 1                         | 3. Oilseeds ...                               | 1                             | .....              | 1                    | 30   | 1                    | 30         |
| 82                        | 4. Salt ...                                   | .....                         | 133                | 133                  | 11,070   | 133                  | 11,070     |
| .....                     | 5. Piece-goods ...                            | .....                         | .....              | .....                | .....  | .....                | .....      |
| .....                     | 6. Metal ...                                  | .....                         | .....              | .....                | .....  | .....                | .....      |
| 80                        | 7. Building materials ...                     | 71                            | 572                | 643                  | 710  | 75                   | 880        |
| 133                       | 8. Miscellaneous ...                          | 362                           | 137                | 499                  | 17,020   | 499                  | 17,020     |
| 28                        | 9. Fuel ...                                   | 256                           | .....              | 256                  | 710  | 256                  | 710        |
| 8 rafts                   | 10. Timber ...                                | 2,932 No.                     | .....              | 2,932 No.            | 6,000  | 2,932 No.            | 6,000      |
| 5 "                       | 11. Bamboos ...                               | .....                         | 11,100 No.         | 11,100 "             | 150  | 11,100 "             | 150        |
| 368 & 13 rafts.           | 12. Total No.                                 | { 1,182 & 2,932 No.           | { 853 & 11,100 No. | { 2,035 & 14,032 No. | { 73,800   | { 1,467 & 14,032 No. | { 72,970   |
| 367 & 16 rafts            | 13. Total of same month last year ...         | { 1,017 & 4,373 No.           | { 683 & 3,100 No.  | { 1,700 & 7,473 No.  | { 89,410   | { 1,348 & 7,473 No.  | { 89,260   |
|                           |   | Up.                           | Down.              | Total.               |  |                      | Rs. A. P.  |
| 14.                       | Total number of boats plying cargo No.        | 291                           | 107                | 398                  | Total tollage of month—<br>24 + 25 + 26 ...          |                      | 1,036 12 9 |
| 15.                       | Total number of boats plying passenger No.    | 5                             | 1                  | 6                    | Total tollage of same month last year ...            |                      | 1,210 5 9  |
| 15½.                      | Total number of empty boats No.               | 81                            | 272                | 353                  |  |                      |            |
| 16.                       | Total registered tonnage, cargo Tons          | 2,183                         | 1,272              | 3,455                | Memorandum of Tollage.                               |                      |            |
| 17.                       | Total registered tonnage, passenger Tons      | 18                            | 4                  | 22                   |  |                      |            |
| 18.                       | Ton-mileage ...                               | 29,132                        | 11,318             | 40,450               |  |                      |            |
| 19.                       | Estimated value of cargo Ra.                  | 39,680                        | 27,470             | 67,150               |  |                      |            |
| 20.                       | Number of passengers ...                      | 13                            | 2                  | 15                   |  |                      |            |
| 21.                       | Rafts, bamboos No.                            | .....                         | 11,100             | 11,100               |  |                      |            |
| 22.                       | Do., timber "                                 | 2,932                         | .....              | 2,932                |  |                      |            |
| 23.                       | Estimated value of rafts ...                  | 6,000                         | 150                | 6,150                |  |                      |            |
| 24.                       | Tollage on boats Ra.                          | 545-14-6                      | 311-0-9            | 856-15-3             |  |                      |            |
| 25.                       | Compounded tollage on boats Ra.               | .....                         | .....              | .....                |  |                      |            |
| 26.                       | Tollage on rafts "                            | 169-8-0                       | 10-5-6             | 179-13-6             |  |                      |            |
| 27.                       | Total tollage on boats per ton-mile ...       | .....                         | .....              | 0-0 4                |  |                      |            |
| 28.                       | Total tollage on rafts per 100 cubic feet ... | .....                         | .....              | 1-4 5                |  |                      |            |
|                           |   |                               |                    |                      | 1. Balance not recovered on the 1st of the month ... |                      | 571 15 9   |
|                           |   |                               |                    |                      | 2. Tollage per month ...                             |                      | 1,036 12 9 |
|                           |   |                               |                    |                      | 3. Total ...   |                      | 1,608 12 6 |
|                           |   |                               |                    |                      | 4. Amount credited in the accounts of the month ...  |                      | 1,482 6 1  |
|                           |   |                               |                    |                      | 5. Balance due at the end of the month ...           |                      | 126 5      |

## HIGH LEVEL CANAL, RANGE II.

LENGTH OF CANAL OPEN, 12½ MILES.

| Number of<br>boats or<br>rafts.                         | DESCRIPTION.                            | TOTAL GOVERNMENT AND PRIVATE. |                         |                          |  | PRIVATE.              |          | REMARKS.  |
|---|---|-------------------------------|-------------------------|--------------------------|--|-----------------------|----------|-----------|
|   |   | Quantity: Tons.               |                         |                          | Value.   | Quantity.             | Value.   |           |
|   |   | Up.                           | Down.                   | Total.                   | Rupces.  | Tons.                 | Rupces.  |           |
| 76  | 1. Grain ..                             | 180½                          | 11                      | 191½                     | 19,865   | 191½                  | 10,865   |           |
| 7   | 2. Cotton ..                            | .....                         | .....                   | .....                    | .....  | .....                 | .....    |           |
| 7   | 3. Oil-seeds ..                         | .....                         | 17½                     | 17½                      | 1,564  | 17½                   | 1,564    |           |
| 11  | 4. Salt ..                              | .....                         | 43                      | 43                       | 8,008  | 43                    | 8,008    |           |
| 2   | 5. Piece-goods ..                       | .....                         | 18                      | 18                       | 5,140  | 18                    | 5,140    |           |
| 143   | 6. Metal ..                             | .....                         | 12                      | 12                       | 1,000  | 12                    | 1,000    |           |
| 6   | 7. Building materials ..                | .....                         | 1,311½                  | 1,311½                   | 3,245  | .....                 | .....    |           |
| 37  | 8. Miscellaneous ..                     | .....                         | 14                      | 14                       | 3,510  | 14                    | 3,510    |           |
| 12 rafts  | 9. Fuel ..                              | .....                         | .....                   | .....                    | .....  | .....                 | .....    |           |
| 37 "  | 10. Timber ..                           | 45 No.                        | 218 No.                 | 263 No.                  | 1,192  | 263 No.               | 1,192    |           |
|   | 11. Bamboos ..                          | .....                         | 17,830 "                | 17,830 "                 | 544  | 17,830 "              | 544      |           |
| 252 &<br>49 rafts.                                      | 12. Total ..                            | { 180½ &<br>45 No.            | { 1,427 &<br>18,018 No. | { 1,607½ &<br>18,023 No. | { 31,110   | { 256 &<br>18,023 No. | { 29,865 |           |
| 395   | 13. Total of same<br>month last year .. | 1,370                         | 40                      | 1,410                    | 29,045   | 537                   | 28,510   |           |
|   |   | Up.                           | Down.                   | Total.                   |  |                       |          | Rs. A. P. |
| 14. Total number of boats ply-<br>ing cargo ... No.     |   | 67                            | 185                     | 252                      | Total tollage of month—<br>21+25+26 ...                    |                       |          | 701 2 9   |
| 15. Total number of boats ply-<br>ing passenger ... No. |   | 5                             | 4                       | 9                        |  |                       |          |           |
| 15½. Total number of empty<br>boats ... No.             |   | 72                            | 188                     | 260                      | Total tollage of same<br>month last year ...               |                       |          | 461 10 9  |
| 16. Total registered tonnage,<br>cargo ... Tons         |   | 361                           | 2,854                   | 3,215                    |  |                       |          |           |
| 17. Total registered tonnage,<br>passenger ... Tons     |   | 20                            | 12                      | 41                       | Memorandum of Tollage.                                     |                       |          |           |
| 18. Ten-milenge ...                                     |   | 19,490                        | 26,411                  | 45,901                   |  |                       |          | Rs. A. P. |
| 19. Estimated value of cargo Rs.                        |   | 9,369                         | 20,015                  | 29,384                   | 1. Balance not recovered<br>on the 1st of the<br>month ... |                       |          | 0 15 0    |
| 20. Number of passengers ...                            |   | 100                           | 73                      | 173                      |  |                       |          |           |
| 21. Rafts, bamboos No.                                  |   | .....                         | 17,830                  | 17,830                   |  |                       |          |           |
| 22. Do., timber "                                       |   | 45                            | 218                     | 263                      | 2. Tollage per month ...                                   |                       |          | 701 2 9   |
| 23. Estimated value of rafts ...                        |   | 102                           | 1,624                   | 1,726                    |  |                       |          |           |
| 24. Tollage on boats Rs.                                |   | 102-6-3                       | 513-11-3                | 616-1-6                  | 3. Total ...   |                       |          | 702 1 9   |
| 25. Compounded tollage on<br>boats ... Rs.              |   | .....                         | .....                   | .....                    | 4. Amount credited in<br>the accounts of the<br>month ...  |                       |          | 702 1 9   |
| 26. Tollage on rafts "                                  |   | 2-6-3                         | 22-11-0                 | 25-1-3                   |  |                       |          |           |
| 27. Total tollage on boats per<br>ton-mile ...          |   | .....                         | .....                   | 0-0-2-8                  | 5. Balance due at the end<br>of the month ...              |                       |          | Nil.      |
| 28. Total tollage on rafts per<br>100 cubic feet ...    |   | .....                         | .....                   | .....                    |  |                       |          |           |

## HIGH LEVEL CANAL, RANGE III.

LENGTH OF CANAL OPEN, 19 MILES.

| Number of<br>rafts<br>or rafts.                 | DESCRIPTION.                         | TOTAL GOVERNMENT AND PRIVATE. |                  |                   |  | PRIVATE.          |         | REMARKS.  |
|---|--------------------------------------|-------------------------------|------------------|-------------------|--|-------------------|---------|-----------|
|   |                                      | Quantity—Tons.                |                  |                   | Value.   | Quantity.         | Value.  |           |
|   |                                      | Up.                           | Down.            | Total.            | Rupees.  | Tons.             | Rupees. |           |
| 45  | 1. Grain ...                         | 121                           | 2                | 123               | 6,474  | 123               | 6,474   |           |
| 1   | 2. Cotton ...                        | .....                         | 3½               | 3½                | 194  | 3½                | 194     |           |
| 2   | 3. Oilseeds ...                      | 5½                            | 3½               | 9                 | 1,012  | 9                 | 1,012   |           |
| 1   | 4. Salt ...                          | .....                         | .....            | .....             | .....  | .....             | .....   |           |
| 67  | 5. Piece-goods ...                   | .....                         | 3½               | 3½                | 350  | .....             | .....   |           |
| .....   | 6. Metal ...                         | .....                         | 646½             | 646½              | 303  | .....             | .....   |           |
| .....   | 7. Building materials ...            | .....                         | .....            | .....             | .....  | .....             | .....   |           |
| .....   | 8. Miscellaneous ...                 | .....                         | .....            | .....             | .....  | .....             | .....   |           |
| .....   | 9. Fuel ...                          | .....                         | .....            | .....             | .....  | .....             | .....   |           |
| 3 rafts   | 10. Timber ...                       | .....                         | 200 No.          | 200 No.           | 5  | 200 No.           | 5       |           |
| 116 &<br>3 rafts.                               | 11. Bamboos ...                      | .....                         | .....            | .....             | .....  | .....             | .....   |           |
| 126½  | 12. Total ...                        | 126½                          | 659 &<br>200 No. | 785½ &<br>200 No. | 8,338  | 135½ &<br>200 No. | 7,685   |           |
| 145   | 13. Total of same<br>month last year | 107                           | 231              | 431               | 9,796  | 157               | 9,446   |           |
|   |                                      | Up.                           | Down.            | Total.            |  |                   |         | Rs. A. P. |
| 14. Total number of boats plying cargo No.      |                                      | 45                            | 71               | 116               | Total tollage of month—<br>24 + 25 + 26 ...          |                   |         | 325 4 0   |
| 15. Total number of boats plying passenger No.  |                                      | 3                             | 2                | 5                 |  |                   |         |           |
| 15½. Total number of empty boats No.            |                                      | 74                            | 43               | 117               | Total tollage of same<br>month last year ...         |                   |         | 143 0 0   |
| 16. Total registered tonnage, cargo Tons        |                                      | 254                           | 1,318            | 1,571             |  |                   |         |           |
| 17. Total registered tonnage, passenger Tons    |                                      | 25                            | 13               | 38                |  |                   |         |           |
| 18. Ton-mileage ...                             |                                      | 6,128                         | 7,541            | 13,669            |  |                   |         |           |
| 19. Estimated value of cargo Rs.                |                                      | 6,962                         | 1,371            | 8,333             |  |                   |         |           |
| 20. Number of passengers ...                    |                                      | 71                            | 102              | 173               |  |                   |         |           |
| 21. Rafts, bamboos No.                          |                                      | .....                         | 200              | 200               |  |                   |         |           |
| 22. Do., bullocks No.                           |                                      | .....                         | .....            | .....             |  |                   |         |           |
| 23. Estimated value of rafts ...                |                                      | .....                         | 5                | 5                 |  |                   |         |           |
| 24. Tollage on boats Rs.                        |                                      | 85-2-3                        | 235-15-9         | 325-2-0           |  |                   |         |           |
| 25. Compounded tollage on boats Rs.             |                                      | .....                         | .....            | .....             |  |                   |         |           |
| 26. Tollage on rafts "                          |                                      | .....                         | 0-2-0            | 0-2-0             |  |                   |         |           |
| 27. Total tollage on boats per ton-mile ...     |                                      | .....                         | .....            | 0-0-4 6           |  |                   |         |           |
| 28. Total tollage on rafts per 100 cubic feet " |                                      | .....                         | .....            | 0-1-0             |  |                   |         |           |
|   |                                      |                               |                  |                   | Memorandum of Tollage.                               |                   |         |           |
|   |                                      |                               |                  |                   | 1. Balance not recovered on the 1st of the month ... |                   |         | Rs. A. P. |
|   |                                      |                               |                  |                   | 2. Tollage per month ...                             |                   |         | 325 4 0   |
|   |                                      |                               |                  |                   | 3. Total ...   |                   |         | 325 4 0   |
|   |                                      |                               |                  |                   | 4. Amount credited in the accounts of the month ...  |                   |         | 325 4 0   |
|   |                                      |                               |                  |                   | 5. Balance due at the end of the month ...           |                   |         | 200       |

## SOUTH-WESTERN CIRCLE

## MIDNAPPORE CANAL.

LENGTH OF CANAL OPEN, 53 MILES.

| Number of boats or rafts. | DESCRIPTION.                               | TOTAL GOVERNMENT AND PRIVATE. |                        |                          | PRIVATE.   |                          |             | REMARKS.    |
|---------------------------|--|-------------------------------|------------------------|--------------------------|--|--------------------------|-------------|-------------|
|                           |  | Quantity—Tons.                |                        |                          | Value.   | Quantity.                | Value.      |             |
|                           |  | Up.                           | Down.                  | Total.                   | Rupiah.  | Tons.                    | Rupiah.     |             |
| 1,264                     | 1. Grain ...                               | 8,114                         | 615                    | 8,729                    | 3,23,560   | 8,729                    | 3,23,560    |             |
| 2                         | 2. Cotton ...                              |                               | 4                      | 4                        | 1,900  | 4                        | 1,900       |             |
| 77                        | 3. Oilseeds ...                            | 599                           | 213                    | 812                      | 89,998   | 812                      | 89,998      |             |
| 94                        | 4. Salt ...                                |                               | 1,006                  | 1,006                    | 93,510   | 1,006                    | 93,510      |             |
| 1                         | 5. Piece-goods ...                         |                               | 1                      | 1                        | 3,000  | 1                        | 3,000       |             |
| 16                        | 6. Metal ...                               | 29                            | 82                     | 111                      | 51,540   | 111                      | 51,540      |             |
| 33                        | 7. Building materials ...                  | 427                           | 30                     | 457                      | 2,229  | 234                      | 1,597       |             |
| 514                       | 8. Miscellaneous ...                       | 1,218                         | 631                    | 1,849                    | 5,23,383   | 1,849                    | 5,23,383    |             |
| 31                        | 9. Fuel ...                                | 95                            | 108                    | 203                      | 2,141  | 203                      | 2,141       |             |
| 98 rafts                  | 10. Timber ...                             | 28,665 c. ft.                 | 325 c. ft.             | 28,990 c. ft.            | 15,171   | 28,990 c. ft.            | 15,171      |             |
| 7 "                       | 11. Bamboos ...                            | 1,630 "                       | 75 "                   | 1,705 "                  | 65   | 1,705 "                  | 65          |             |
| 2,032 & 105 rafts.        | 12. Total ...                              | { 10,482 & 30,295 c. ft.      | { 2,690 & 400 c. ft.   | { 13,172 & 30,695 c. ft. | { 11,09,700  | { 12,949 & 30,695 c. ft. | { 11,09,165 |             |
| 1,997 & 88 rafts.         | 13. Total of same month last year.         | { 9,866 & 26,221 c. ft.       | { 3,312 & 1,072 c. ft. | { 13,178 & 27,293 c. ft. | { 7,49,373   | { 13,178 & 27,293 c. ft. | { 7,49,373  |             |
|                           |  | Up.                           | Down.                  | Total.                   |  |                          |             | Rs. A. P.   |
| 14.                       | Total number of boats plying cargo No.     | 1,557                         | 475                    | 2,032                    | Total tollage of month—24+25+26 ...                  |                          |             | 13,508 6 9  |
| 15.                       | Total number of boats plying passenger No. | 403                           | 597                    | 1,000                    | Total tollage of same month last year ...            |                          |             | 12,795 4 3  |
| 16.                       | Total registered tonnage, cargo Tons       | 21,136                        | 6,741                  | 27,880                   | Memorandum of Tollage.                               |                          |             |             |
| 17.                       | Total registered tonnage, passenger " Tons | 2,722                         | 2,604                  | 5,326                    |  |                          |             |             |
| 17.                       | Total registered tonnage, empty " Tons     | 2,131                         | 5,423                  | 7,554                    |  |                          |             | Rs. A. P.   |
| 18.                       | Ton-mileage ...                            | 6,01,986                      | 2,73,640               | 8,75,626                 | 1. Balance not recovered on the 1st of the month ... |                          |             | 4,528 10 3  |
| 19.                       | Estimated value of cargo Rs.               | 6,49,955                      | 4,44,599               | 10,94,554                | 2. Tollage per month ...                             |                          |             | 13,508 6 9  |
| 20.                       | Number of passengers ...                   | 5,392                         | 7,028                  | 12,420                   | 3. Total ...   |                          |             | 18,635 0 11 |
| 21.                       | Rafts, bamboos c. ft.                      | 1,630                         | 75                     | 1,705                    | Deduct refund ...                                    |                          |             | 22 12 0     |
| 22.                       | Do., timber "                              | 28,665                        | 325                    | 28,990                   | 4. Amount paid into treasury during the month ...    |                          |             | 12,860 2 3  |
| 23.                       | Estimated value of rafts ...               | 14,448                        | 788                    | 15,236                   | 5. Balance due at the end of the month ...           |                          |             | 5,152 2 8   |
| 24.                       | Tollage on boats Ra.                       | 8,858-15-3                    | 4,330-6-6              | 13,189-4-9               |  |                          |             |             |
| 25.                       | Compounded tonnage on boats ... Ra.        |                               |                        |                          |  |                          |             |             |
| 26.                       | Tollage on rafts "                         | 314-0-0                       | 5-1-0                  | 319-1-0                  |  |                          |             |             |
| 27.                       | Total tollage on boats per 100 miles ...   |                               |                        | 0-0-2-9                  |  |                          |             |             |
| 28.                       | Total tollage on rafts per 100 miles ...   |                               |                        | 1-0-6                    |  |                          |             |             |

## HIDGELLER TIDAL CANAL.

LENGTH OF CANAL OPEN, 29 MILES.

| Number of<br>Rafts<br>or Rafts.                      | DESCRIPTION.                          | TOTAL GOVERNMENT AND PRIVATE. |                      |                        | PRIVATE.   |                        | REMARKS.                         |
|--|---------------------------------------|-------------------------------|----------------------|------------------------|--|------------------------|----------------------------------|
|  |                                       | QUANTITY - TONS.              |                      |                        | Quantity.  | Value.                 |                                  |
|  |                                       | Up.                           | Down.                | Total.                 | Tons.  | Rs. p.                 |                                  |
|  | 1. Grain ...                          |                               |                      |                        |  |                        | Canal closed for silt clearance. |
|  | 2. Cotton ...                         |                               |                      |                        |  |                        |                                  |
|  | 3. Oilseeds ...                       |                               |                      |                        |  |                        |                                  |
|  | 4. Salt ...                           |                               |                      |                        |  |                        |                                  |
|  | 5. Piece-goods ...                    |                               |                      |                        |  |                        |                                  |
|  | 6. Metal ...                          |                               |                      |                        |  |                        |                                  |
|  | 7. Building materials ...             |                               |                      |                        |  |                        |                                  |
|  | 8. Miscellaneous ...                  |                               |                      |                        |  |                        |                                  |
|  | 9. Fuel ...                           |                               |                      |                        |  |                        |                                  |
|  | 10. Timber ...                        |                               |                      |                        |  |                        |                                  |
|  | 11. Bamboos ...                       |                               |                      |                        |  |                        |                                  |
|  | 12. Total ...                         |                               |                      |                        |  |                        |                                  |
| 1,632 &<br>8 rafts.                                  | 13. Total of same<br>month last year. | 4,612 &<br>170 c.ft.          | 1,146 &<br>869 c.ft. | 5,748 &<br>1,039 c.ft. | 3,25,339   | 5,635 &<br>1,039 c.ft. | 3,13,099                         |
| 14. Total number of boats ply-<br>ing cargo No.      |                                       | Up.                           | Down.                | Total.                 | Total tollage of month—<br>24 + 25 + 26 ...                |                        | Rs. A. P.                        |
| 15. Total number of boats ply-<br>ing passenger No.  |                                       |                               |                      |                        | Total tollage of same<br>month last year ...               |                        | 5,481 1 0                        |
| 16. Total registered tonnage,<br>cargo Tons          |                                       |                               |                      |                        | Memorandum of Tollage.                                     |                        |                                  |
| 17. Total registered tonnage,<br>passenger Tons      |                                       |                               |                      |                        |  |                        |                                  |
| 18. Ton-mileage ...                                  |                                       |                               |                      |                        |  |                        |                                  |
| 19. Estimated value of cargo ...                     |                                       |                               |                      |                        |  |                        |                                  |
| 20. Number of passengers ...                         |                                       |                               |                      |                        |  |                        |                                  |
| 21. Rafts, bamboos c. ft.                            |                                       |                               |                      |                        |  |                        |                                  |
| 22. Do., bullahs "                                   |                                       |                               |                      |                        |  |                        |                                  |
| 23. Estimated value of rafts Rs.                     |                                       |                               |                      |                        |  |                        |                                  |
| 24. Tollage on boats Rs.                             |                                       |                               |                      |                        |  |                        |                                  |
| 25. Compounded tollage on<br>boats ... Rs.           |                                       |                               |                      |                        |  |                        |                                  |
| 26. Tollage on rafts "                               |                                       |                               |                      |                        |  |                        |                                  |
| 27. Total tollage on boats per<br>ton-mile ...       |                                       |                               |                      |                        |  |                        |                                  |
| 28. Total tollage on rafts per<br>100 cubic feet ... |                                       |                               |                      |                        |  |                        |                                  |
|  |                                       |                               |                      |                        | 1. Balance not recovered<br>on the 1st of the<br>month ... |                        |                                  |
|  |                                       |                               |                      |                        | 2. Tollage per month ...                                   |                        |                                  |
|  |                                       |                               |                      |                        | 3. Total ...   |                        |                                  |
|  |                                       |                               |                      |                        | 4. Amount paid into<br>treasury during the<br>month ...    |                        |                                  |
|  |                                       |                               |                      |                        | 5. Balance due at the<br>end of the month ...              |                        |                                  |



SONE CIRCLE.  
PATNA CANAL SYSTEM.  
LENGTH OF CANAL OPEN, 86½ MILES.

| Number of boats or rafts. | Description.                               | TOTAL GOVERNMENT AND PRIVATE. |           |            | Private.   |           | REMARKS.   |
|---------------------------|--|-------------------------------|-----------|------------|--|-----------|------------|
|                           |  | Quantity - Tons.              |           |            | Value.   | Quantity. |            |
|                           |  | Up.                           | Down.     | Total.     | Rupies.  | Tons.     |            |
| 2                         | 1. Grain                                   | .....                         | 8         | 8          | 530  | 8         | 530        |
| .....                     | 2. Cotton                                  | .....                         | .....     | .....      | .....  | .....     | .....      |
| 25                        | 3. Oilseed                                 | ..... 5                       | 327       | 332        | 28,093   | 332       | 28,093     |
| 23                        | 4. Salt                                    | ..... 247                     | .....     | 247        | 12,174   | 247       | 12,174     |
| 37                        | 5. Piece-goods                             | ..... 258                     | 23        | 258        | 27,570   | 241       | 26,760     |
| .....                     | 6. Metal                                   | ..... 6                       | 1         | 7          | 2,851  | 7         | 2,851      |
| 15                        | 7. Building materials                      | .....                         | 128       | 128        | 389  | 128       | 389        |
| 49                        | 8. Miscellaneous                           | ..... 123                     | 202       | 325        | 61,211   | 267       | 63,710     |
| 2                         | 9. Fuel                                    | .....                         | 5         | 5          | 31   | 5         | 31         |
| 4                         | 10. Timber { boats                         | ..... 12                      | 2         | 14         | 575  | 8         | 325        |
|                           | { rafts                                    | .....                         | 1,092     | 1,092      | 10,320   | 1,092     | 10,320     |
| 13                        | 11. Bamboos { boats                        | ..... 101                     | .....     | 101        | 2,230  | 101       | 2,230      |
|                           | { rafts                                    | .....                         | 4,184     | 4,184      | 65,094   | 4,184     | 65,094     |
| 170                       | 12. Total                                  | 729                           | 5,972     | 6,701      | 2,11,838   | 6,630     | 2,12,507   |
| 147                       | 13. Total of same month last year          | 742                           | 3,019     | 4,361      | 1,77,506   | 3,277     | 1,71,829   |
|                           |  | Up.                           | Down.     | Total.     |  |           | Rs. A. P.  |
| 14.                       | Total number of boats plying cargo No.     | 98                            | 72        | 170        | Total tollage of month—<br>21 + 25 + 26          |           | 4,435 5 6  |
| 15.                       | Total number of boats plying passenger No. | 9                             | 6         | 15         |  |           |            |
| 16.                       | Total number of empty boats No.            | 51                            | 29        | 80         | Total tollage of same month last year            |           | 2,537 11 9 |
| 16.                       | Total registered tonnage, cargo Tons       | 1,361                         | 1,123     | 2,484      |  |           |            |
| 17.                       | Total registered tonnage, passenger Tons   | 146                           | 111       | 257        |  |           |            |
| 17.                       | Total registered tonnage, empty boats Tons | 228                           | 121       | 349        | Memorandum of Tollage.                           |           |            |
| 18.                       | Ton-mileage                                | 97,406                        | 3,62,943  | 4,60,349   |  |           | Rs. A. P.  |
| 19.                       | Estimated value of cargo                   | 52,614                        | 86,040    | 1,38,654   | 1. Balance not recovered on the 1st of the month |           | 408 12 3   |
| 20.                       | Number of passengers                       | 404½                          | 331½      | 736        | 2. Tollage per month                             |           | 4,435 5 6  |
| 21.                       | Rafts, bamboos c. ft.                      | .....                         | 6,27,627  | 6,27,627   |  |           |            |
| 22.                       | Do., bullocks                              | .....                         | 81,893    | 81,893     |  |           |            |
| 23.                       | Estimated value of rafts Rs.               | .....                         | 75,414    | 75,414     | 3. Total   |           | 4,844 1 9  |
| 24.                       | Tollage on boats                           | 800-0-6                       | 711-6-9   | 1,511-13-3 |  |           |            |
| 25.                       | Compounded tollage on boats Rs.            | 75-0-0                        | 75-0-0    | 150-0-0    | 4. Amount credited in the accounts of the month  |           | 3,097 9 6  |
| 26.                       | Tollage on rafts                           | .....                         | 2,773-8-3 | 2,773-8-3  |  |           |            |
| 27.                       | Total tollage on boats per ton-mile        | .....                         | .....     | 0-0-69     |  |           |            |
| 28.                       | Total tollage of rafts per 100 cubic feet  | .....                         | .....     | 0-0-3      | 5. Balance due at the end of the month           |           | 846 8 3    |

## ARRAH CANAL SYSTEM.

LENGTH OF CANAL OPEN, 65 MILES.

| Number of boats or rafts. | Description.                                  | TOTAL GOVERNMENT AND PRIVATE. |          |          |  | PRIVATE.  |            | Remarks. |
|---------------------------|---|-------------------------------|----------|----------|--|-----------|------------|----------|
|                           |   | Quantity—Tons.                |          |          | Value.   | Quantity. | Value.     |          |
|                           |   | Up.                           | Down.    | Total.   |  | Tons.     | Schecs.    |          |
| 6                         | 1. Grain ...                                  | 72                            | 33       | 105      | 10,132   | 105       | 10,132     |          |
| 1                         | 2. Cotton ...                                 | 1                             | .....    | 1        | 175  | 1         | 175        |          |
| 3                         | 3. Oilseeds ...                               | 1                             | 23       | 24       | 1,976  | 24        | 1,976      |          |
| 27                        | 4. Salt ...                                   | 298                           | .....    | 298      | 33,045   | 298       | 33,045     |          |
| 2                         | 5. Piece-goods ...                            | 24                            | .....    | 24       | 23,565   | 24        | 23,565     |          |
| 1                         | 6. Metal ...                                  | 6                             | 1        | 7        | 860  | 3         | 360        |          |
| 11                        | 7. Building materials ...                     | 4                             | 62       | 66       | 474  | 15        | 61         |          |
| 69                        | 8. Miscellaneous ...                          | 37                            | 457      | 494      | 4,21,983   | 487       | 4,21,823   |          |
| 6                         | 9. Fuel ...                                   | 24                            | 32       | 56       | 668  | 32        | 460        |          |
| 1                         | 10. Timber ...                                | 1                             | 12       | 13       | 515  | 13        | 515        |          |
| Rafts                     | 11. Firewood ...                              | .....                         | 234      | 234      | 1,379  | 234       | 1,379      |          |
|                           | Bullahs ...                                   | .....                         | 668      | 668      | 3,571  | 668       | 3,571      |          |
|                           | Bamboos ...                                   | .....                         | 759      | 759      | 7,942  | 759       | 7,942      |          |
| 127                       | 12. Total ...                                 | 468                           | 2,281    | 2,749    | 5,06,285   | 2,663     | 5,04,904   |          |
| 192                       | 13. Total of same month last year             | 666                           | 2,397    | 3,063    | 4,75,232   | 2,786     | 4,73,676   |          |
|                           |   | Up                            | Down.    | Total.   |  |           | Rs. A. P.  |          |
| 14.                       | Total number of boats plying cargo No.        | 48                            | 79       | 127      | Total tollage of month—<br>24 + 25 + 26 ...          |           | 1,563 15 0 |          |
| 15.                       | Total number of boats plying passenger No.    | 1                             | 4        | 5        | Total tollage of same month last year ...            |           | 1,782 10 3 |          |
| 16.                       | Total registered tonnage, cargo Tons          | 647                           | 939      | 1,636    | Memorandum of Tollage.                               |           |            |          |
| 17.                       | Total registered tonnage, passenger Tons      | 61                            | 76       | 136      |  |           |            |          |
| 17.                       | Total registered tonnage, empty Tons          | 173                           | 13       | 186      |  |           |            |          |
| 18.                       | Ton-mileage ...                               | 51,873                        | 53,817   | 1,05,690 |  |           | Rs. A. P.  |          |
| 19.                       | Estimated value of cargo Ra.                  | 4,46,854                      | 44,539   | 4,93,393 | 1. Balance not recovered on the 1st of the month ... |           | 216 11 0   |          |
| 20.                       | Number of passengers ...                      | 862                           | 975      | 1,837    | 2. Tollage per month ...                             |           | 1,563 15 0 |          |
| 21.                       | Rafts, bamboos c. ft.                         | .....                         | 1,13,972 | 1,13,972 |  |           |            |          |
| 22.                       | Do., bullahs "                                | .....                         | 50,150   | 50,150   |  |           |            |          |
| 22.                       | Do., firewood "                               | .....                         | 17,560   | 17,560   |  |           |            |          |
| 22.                       | Estimated value of rafts Ra.                  | .....                         | 12,892   | 12,892   | 3. Total ...   |           | 1,780 13 0 |          |
| 24.                       | Tollage on boats "                            | 178-9-9                       | 308-7-3  | 487-1-0  |  |           |            |          |
| 25.                       | Compounded tollage on boats Ra.               | 292                           | 292      | 584      | 4. Amount credited in the accounts of the month ...  |           | 1,695 11 6 |          |
| 26.                       | Tollage on rafts "                            | .....                         | 492-14-0 | 492-14-0 |  |           |            |          |
| 27.                       | Total tollage on boats per ton-mile ...       | .....                         | .....    | 0-0-1-94 |  |           |            |          |
| 28.                       | Total tollage on rafts per 100 cubic feet ... | .....                         | .....    | 0-4-4    | 5. Balance due at the end of the month               |           | 94 34 6    |          |

## HUXAR CANAL SYSTEM.

LENGTH OF CANAL OPEN, 67 MILES.

| Number of<br>boats<br>or rafts. | Description.                                     | TOTAL GOVERNMENT AND PRIVATE. |         |          | PRIVATE.   |           | REMARKS.             |
|---------------------------------|--|-------------------------------|---------|----------|--|-----------|----------------------|
|                                 |  | Quantity—Tons.                |         |          | Value.   | Quantity. |                      |
|                                 |  | Up.                           | Down.   | Total.   | Rupers.  | Tons.     |                      |
| 3                               | 1. Grain ...                                     | 11                            | 21      | 32       | 3,070  | 32        | 3,070                |
| 2                               | 2. Cotton ...                                    | 10                            | 11      | 21       | 2,400  | 21        | 2,400                |
| 4                               | 3. Oilseeds ...                                  | 2                             | 2       | 4        | 2,200  | 2         | 2,200                |
| 40                              | 4. Salt ...                                      | 43                            | 480     | 523      | 18,656   | 283       | 10,575               |
| 18                              | 5. Piece-goods ...                               | 24                            | 204     | 228      | 31,657   | 228       | 31,657               |
|                                 | 6. Metal ...                                     |                               |         |          |  |           |                      |
|                                 | 7. Building materials ...                        |                               |         |          |  |           |                      |
|                                 | 8. Miscellaneous ...                             |                               |         |          |  |           |                      |
|                                 | 9. Fuel ...                                      |                               |         |          |  |           |                      |
|                                 | 10. Timber ...                                   |                               | 180     | 180      | 2,391  | 180       | 2,391                |
|                                 | 11. Bamboos ...                                  |                               | 645     | 645      | 11,610   | 645       | 11,610               |
| 63                              | 12. Total ...                                    | 90                            | 1,541   | 1,631    | 72,002   | 1,301     | 63,921               |
| 105                             | 13. Total of same<br>month last year.            | 40                            | 2,000   | 2,040    | 1,13,833   | 1,581     | 96,804               |
| 14.                             | Total number of boats ply-<br>ing cargo No.      | 10                            | 53      | 63       | Total tollage of month—<br>24 + 25 + 26 ...                |           | Rs. A. P.<br>077 5 9 |
| 15.                             | Total number of boats ply-<br>ing passenger No.  | 10                            | 9       | 19       | Total tollage of same<br>month last year ...               |           | 1,144 13 6           |
| 16.                             | Total number of empty<br>boats No.               | 41                            | 7       | 51       | Memorandum of Tollage.                                     |           |                      |
| 17.                             | Total registered tonnage,<br>cargo Tons          | 115                           | 1,766   | 1,881    |  |           |                      |
| 18.                             | Total registered tonnage,<br>passenger Tons      | 247                           | 213     | 460      |  |           |                      |
| 19.                             | Total registered tonnage,<br>empty Tons          | 162                           | 15      | 177      |  |           |                      |
| 20.                             | Ton-mileage ...                                  | 9,591                         | 45,970  | 55,561   |  |           |                      |
| 21.                             | Estimated value of cargo Ra.                     | 13,061                        | 44,931  | 57,992   |  |           |                      |
| 22.                             | Number of passengers ...                         | 634                           | 591     | 1,225    |  |           |                      |
| 23.                             | Rafts, bamboos c. ft.                            | .....                         | 96,833  | 96,833   |  |           |                      |
| 24.                             | Do., bullocks ..                                 | .....                         | 13,485  | 13,485   |  |           |                      |
| 25.                             | Estimated value of rafts Ra.                     | .....                         | 14,010  | 14,010   |  |           |                      |
| 26.                             | Tollage on boats ..                              | 73-15-9                       | 191-1-3 | 265-1-0  |  |           |                      |
| 27.                             | Compounded tollage on<br>boats Ra.               | 75-0-0                        | 171-0-0 | 246-0-0  |  |           |                      |
| 28.                             | Tollage on rafts ..                              | .....                         | 466-4-9 | 466-4-9  |  |           |                      |
| 29.                             | Total tollage on boats per<br>ton-mile ..        | .....                         | .....   | 0-0-1-76 |  |           |                      |
| 30.                             | Total tollage on rafts per<br>100 cubic feet Ra. | .....                         | .....   | 0-6-9    |  |           |                      |
|                                 |  |                               |         |          | 1. Balance not recovered<br>on the 1st of the<br>month ... | 14 8 3.   |                      |
|                                 |  |                               |         |          | 2. Tollage per month ...                                   | 977 5 9   |                      |
|                                 |  |                               |         |          | 3. Total ...   | 991 14 0. |                      |
|                                 |  |                               |         |          | 4. Amount credited in<br>the accounts of the<br>month ...  | 898 12 9. |                      |
|                                 |  |                               |         |          | 5. Balance due at the end<br>of the month ...              | 93 1 3.   |                      |

**ABSTRACT FOR THE MONTH OF MARCH 1888, AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.**

| CANAL.                         | TRAFFIC, 1887-88. |     |     |                      |    |    | TRAFFIC, 1886-87. |    |    |                      |    |    | REMARKS. |
|--------------------------------|-------------------|-----|-----|----------------------|----|----|-------------------|----|----|----------------------|----|----|----------|
|                                | During the month. |     |     | To end of the month. |    |    | During the month. |    |    | To end of the month. |    |    |          |
| Orissa Circle.                 | Rs.               | A.  | P.  | Rs.                  | A. | P. | Rs.               | A. | P. | Rs.                  | A. | P. |          |
| Taludanda Canal System ...     | 498               | 4   | 5   | 6,295                | 7  | 8  | 488               | 11 | 0  | 2,787                | 2  | 6  |          |
| Kendrapara Canal System ...    | 5,941             | 6   | 5   | 47,914               | 6  | 8  | 5,751             | 15 | 7  | 41,009               | 2  | 3  |          |
| High Level, Range I ...        | 1,036             | 12  | 9   | 8,442                | 13 | 5  | 1,210             | 5  | 9  | 7,787                | 12 | 3  |          |
| Ditto, " II ...                | 701               | 2   | 9   | 4,021                | 0  | 3  | 464               | 10 | 9  | 3,562                | 2  | 9  |          |
| Ditto, " III ...               | 325               | 4   | 0   | 1,311                | 0  | 9  | 133               | 0  | 9  | 1,973                | 2  | 6  |          |
| Total Orissa Circle ...        | 8,502             | 14  | 4   | 67,984               | 12 | 9  | 8,058             | 11 | 10 | 57,119               | 6  | 3  |          |
| South-Western Circle.          |                   |     |     |                      |    |    |                   |    |    |                      |    |    |          |
| Midnapore Canal ...            | 13,508            | 6   | 9   | 1,25,721             | 12 | 9  | 12,795            | 4  | 3  | 1,13,228             | 7  | 9  |          |
| Hidgellee Tidal Canal ...      | ...               | ... | ... | 40,046               | 14 | 0  | 5,481             | 1  | 0  | 51,703               | 10 | 0  |          |
| Total South-Western Circle ... | 13,508            | 6   | 9   | 1,65,768             | 10 | 9  | 18,276            | 5  | 3  | 1,64,932             | 2  | 6  |          |
| Sone Circle.                   |                   |     |     |                      |    |    |                   |    |    |                      |    |    |          |
| Patna Canal System ...         | 4,435             | 5   | 6   | 28,296               | 4  | 1  | 2,537             | 11 | 9  | 22,616               | 8  | 4  |          |
| Arrah ditto ...                | 1,363             | 15  | 0   | 15,305               | 14 | 0  | 1,782             | 10 | 3  | 18,288               | 12 | 10 |          |
| Buxar ditto ...                | 977               | 5   | 9   | 8,029                | 13 | 5  | 1,144             | 13 | 6  | 9,000                | 15 | 3  |          |
| Total Sone Circle ...          | 6,775             | 10  | 3   | 51,631               | 15 | 6  | 5,463             | 3  | 6  | 49,936               | 4  | 5  |          |
| GRAND TOTAL ...                | 25,987            | 15  | 4   | 2,85,295             | 7  | 0  | 31,800            | 4  | 7  | 2,71,987             | 13 | 2  |          |

**GOVERNMENT TRANSPORT SERVICE.**

| CANAL.                  | TRAFFIC, 1887-88. |        |                 |                      |        |                 | TRAFFIC, 1886-87. |        |                 |                      |        |                 |
|-------------------------|-------------------|--------|-----------------|----------------------|--------|-----------------|-------------------|--------|-----------------|----------------------|--------|-----------------|
|                         | During the month. |        |                 | To end of the month. |        |                 | During the month. |        |                 | To end of the month. |        |                 |
|                         | Passen-<br>gers.  | Goods. | Total receipts. | Passen-<br>gers.     | Goods. | Total receipts. | Passen-<br>gers.  | Goods. | Total receipts. | Passen-<br>gers.     | Goods. | Total receipts. |
| <i>Orissa Circle.</i>   | No.               | Mds.   | Rs. A. P.       | No.                  | Mds.   | Rs. A. P.       | No.               | Mds.   | Rs. A. P.       | No.                  | Mds.   | Rs. A. P.       |
| High Level ...          | 260               | 706    | 333 11 5        | 3,323                | 6,190  | 3,365 7 2       | 342               | 1,215  | 526 13 2        | 7,512                | 14,669 | 3,547 8 8       |
| Total Orissa Circle ... | 260               | 706    | 333 11 5        | 3,323                | 6,190  | 3,365 7 2       | 342               | 1,215  | 526 13 2        | 7,512                | 14,669 | 3,547 8 8       |

**TOTAL NAVIGATION RECEIPTS.**

| CANAL.                    | EARNINGS, 1887-88. |                      |     | EARNINGS, 1886-87. |                      |    | REMARKS. |
|---------------------------|--------------------|----------------------|-----|--------------------|----------------------|----|----------|
|                           | During the month.  | To end of the month. |     | During the month.  | To end of the month. |    |          |
|                           | Rs.                | A.                   | P.  | Rs.                | A.                   | P. |          |
| Orissa Canals ...         | 8,836              | 8                    | 9   | 72,350             | 3                    | 11 |          |
| Midnapore Canal ...       | 13,508             | 6                    | 9   | 1,25,721           | 12                   | 9  |          |
| Hidgellee Tidal Canal ... | ...                | ...                  | ... | 40,046             | 14                   | 0  |          |
| Sone Canals ...           | 6,076              | 10                   | 3   | 51,541             | 15                   | 6  |          |
| Total ...                 | 28,421             | 10                   | 9   | 2,89,660           | 14                   | 2  |          |

A. D. Mohantya, M.A., S.P.  
Under-Secretary to the Govt. of Bengal

CALCUTTA,  
The 22nd May 1888.





## CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 19th May 1888,  
as compared with the corresponding week of the previous year.*

| NATURE OF CARGO. | WEEK ENDING SATURDAY, THE<br>19TH MAY 1888. |                     |          | WEEK ENDING SATURDAY, THE<br>21ST MAY 1887. |                     |          |
|------------------|---|---------------------|----------|---|---------------------|----------|
|                  | Number of<br>bunts.                         | Weight of<br>cargo. | Tollage. | Number of<br>bunts.                         | Weight of<br>cargo. | Tollage. |
|                  | No.   | Mds.                | Rs.      | No.   | Mds.                | Rs.      |
| Rice and paddy   | 381   | 98,125              | 1,586    | 268   | 51,780              | 87       |
| Jute             | 17  | 10,800              | 176      | 6   | 1,700               | 3        |
| Firewood         | 166   | 1,23,545            | 1,512    | 72  | 34,000              | 48       |
| Other articles   | 710   | 1,72,470            | 2,498    | 638   | 1,67,521            | 2,56     |
| Total            | 1,264                                       | 4,04,940            | 5,772    | 973   | 2,55,001            | 3,96     |

## Eastern Bengal State Railway.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of January 1888, as compared with the same month of the previous year.

| STAPLES.                                  | 1888.  |        | 1887.  |        | TOTAL. |        | Increase. | Decrease. |
|---|--------|--------|--------|--------|--------|--------|-----------|-----------|
|   | Up.    | Down.  | Up.    | Down.  | 1888.  | 1887.  |           |           |
|   | Tons.  | Tons.  | Tons.  | Tons.  | Tons.  | Tons.  | Tons.     | Tons.     |
| Coal                                      | 7,836  | 1,374  | 2,720  | 1,452  | 9,210  | 4,172  | 5,038     |           |
| Cotton, raw                               | 16     | 274    | 1      | 30     | 340    | 31     | 309       |           |
| Cotton, twist and yarn—                   |        |        |        |        |        |        |           |           |
| 1.—European                               |        |        |        |        |        |        |           |           |
| 2.—Indian                                 |        |        |        |        |        |        |           |           |
| Cotton piece-goods—                       |        |        |        |        |        |        |           |           |
| 1.—European—                              |        |        |        |        |        |        |           |           |
| a.—In bales and bundles                   | 1,007  | 170    | 1,544  | 210    | 2,086  | 1,763  | 323       |           |
| b.—In boxes                               |        |        |        |        |        |        |           |           |
| 2.—Indian—                                |        |        |        |        |        |        |           |           |
| a.—In bales and bundles                   |        |        |        |        |        |        |           |           |
| b.—In boxes                               |        |        |        |        |        |        |           |           |
| Staples—                                  |        |        |        |        |        |        |           |           |
| 2.—Rice                                   | 3,895  | 6,948  | 471    | 1,388  | 10,351 | 9,031  | 1,320     |           |
| 3.—Others                                 | 787    | 7,233  | 430    | 2,281  | 8,000  | 2,063  | 5,937     |           |
| Hides and skins—                          |        |        |        |        |        |        |           |           |
| 1.—Hides of cattle—                       |        |        |        |        |        |        |           |           |
| a.—Preserved                              |        |        |        |        |        |        |           |           |
| b.—Undressed                              |        |        |        |        |        |        |           |           |
| 2.—Skins of sheep, &c.—                   | 12     | 543    | 5      | 741    | 555    | 741    |           | 186       |
| a.—Preserved                              |        |        |        |        |        |        |           |           |
| b.—Undressed                              |        |        |        |        |        |        |           |           |
| Jute—                                     |        |        |        |        |        |        |           |           |
| 1.—Raw—                                   |        |        |        |        |        |        |           |           |
| a.—Screwed                                |        | 2,632  |        | 2,492  | 2,612  | 2,092  | 520       |           |
| b.—Un-screwed                             |        | 11,127 | 3      | 13,105 | 11,134 | 12,194 |           | 2,604     |
| 2.—Gunny-bags and cloth                   | 194    | 101    | 193    | 860    | 1,015  | 1,053  |           | 38        |
| Metals—                                   |        |        |        |        |        |        |           |           |
| 1.—Copper, unwrought                      |        |        |        |        |        |        |           |           |
| 2.—Brass, unwrought                       |        |        |        |        |        |        |           |           |
| 3.—Brass and copper, wrought              |        |        |        |        |        |        |           |           |
| 4.—Iron                                   | 915    | 110    | 1,370  | 68     | 1,025  | 1,361  |           | 337       |
| 5.—Tin                                    |        |        |        |        |        |        |           |           |
| 6.—Others                                 |        |        |        |        |        |        |           |           |
| Oil—                                      |        |        |        |        |        |        |           |           |
| 1.—Kerosene                               | 215    | 20     | 250    | 2      | 241    | 252    |           | 11        |
| 2.—Others                                 | 204    | 27     | 123    | 13     | 244    | 216    | 28        |           |
| Oilseeds—                                 |        |        |        |        |        |        |           |           |
| 1.—Linseed                                |        |        |        |        |        |        |           |           |
| 2.—Rape and mustard                       |        |        |        |        |        |        |           |           |
| 3.—Flax or gingelly                       |        |        |        |        |        |        |           |           |
| 4.—Niger                                  | 77     | 283    | 263    | 80     | 603    | 343    | 260       |           |
| 5.—Castor                                 |        |        |        |        |        |        |           |           |
| 6.—Poppy                                  |        |        |        |        |        |        |           |           |
| 7.—Others                                 |        |        |        |        |        |        |           |           |
| Provisions—                               |        |        |        |        |        |        |           |           |
| 1.—Peas                                   | 54     | 211    | 50     | 154    | 295    | 171    | 124       |           |
| 2.—Others                                 | 418    | 250    | 284    | 164    | 568    | 435    | 133       |           |
| Railway plant and rolling-stock           | 214    | 711    | 1,794  | 124    | 923    | 2,429  |           | 1,506     |
| Salt                                      | 420    | 32     | 2,301  | 4      | 451    | 2,305  |           | 1,854     |
| Sugar—                                    |        |        |        |        |        |        |           |           |
| 1.—Un-screwed                             |        |        |        |        |        |        |           |           |
| 2.—Un-screwed                             | 730    | 534    | 250    | 307    | 1,330  | 557    | 773       |           |
| Tee—                                      |        |        |        |        |        |        |           |           |
| 1.—Foreign                                |        |        |        |        |        |        |           |           |
| 2.—Indian                                 | 1      | 274    |        | 421    | 275    | 421    |           | 146       |
| Wood—                                     |        |        |        |        |        |        |           |           |
| 1.—Timber                                 | 103    | 125    |        |        | 228    | 228    |           |           |
| 2.—Firewood                               | 1,594  | 119    | 1,527  | 59     | 1,703  | 2,015  |           | 312       |
| Tobacco                                   | 61     | 637    | 31     | 105    | 618    | 226    | 392       |           |
| All other articles of merchandise—        |        |        |        |        |        |        |           |           |
| 1.—Manufactured                           | 3,005  | 1,581  | 2,661  | 826    | 4,671  | 2,827  | 1,844     |           |
| 2.—Manufactured                           | 403    |        | 410    |        | 403    | 410    |           | 7         |
| Hay, straw, and wool (C. & S. E. Section) |        |        |        |        |        |        |           |           |
| Total                                     | 23,040 | 36,185 | 16,523 | 20,234 | 59,563 | 46,466 | 13,097    | 7,276     |

Excludes local traffic of the Duma, Northern Bengal, and Kumaon and Dharila Railways during 1887.

Comparative statement of the principal commodities carried over the Eastern Bengal State Railway during the month of January 1888.

## INCREASES.

|   |       |
|---|-------|
| Coal  | 5,038 |
| From the East Indian Railway for railway and Botilla purposes.  | 350   |
| Cotton  | 323   |
| The total weight carried during the month was only 300 tons. The traffic is from Narasingganje principally. | 323   |
| Cotton piece-goods  | 323   |
| Demand from Eastern Bengal districts.   | 323   |
| Rice  | 8,320 |
| From the Northern and Southern sections. Mograhat shows the largest individual increase with 54,000         | 8,320 |
| mannds.   |       |
| Grains  | 5,307 |
| Good crops and a favourable market.   |       |
| Jute, screwed   | 520   |
| The increase is trifling.   |       |
| Oilseeds  | 314   |
| The Calcutta market in seeds was very unsettled during the month.   |       |
| Provisions  | 318   |
| For the Darjeeling and Himalayan Railway principally.   |       |
| Sugar   | 773   |
| From Rawanagar and Akamdanga principally.   |       |
| Tobacco   | 312   |
| From the Northern Section. Kumaon and Duma show the principal increases.                                    |       |
| DECREASES.  |       |
| Salt, unscrewed   | 2,604 |
| Large decrease in despatch from Goalunda, Narasingganje and Barasingganje.                                  |       |
| Metals  | 337   |
| Due to dullness of market.  |       |
| Railway plant, &c.  | 1,506 |
| Decrease in despatch of materials for construction, repairs and renewals.                                   |       |
| Salt  | 1,854 |
| Decline in despatch from Chitpore for Duma and hide-cum-gum sections on Northern Section, said to be        |       |
| due to decrease in demand for hides and gum.  |       |

## Weekly Return of Traffic Receipts on Indian Railway

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 12th May 1898, on 1,513½ miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MISCELLANEOUS. |                   | Other earnings (estimated). | Total earnings.   | TRAFFIC TRAIN MILES RUN. |              |           |
|---|-----------------------|--------------------|--------------------------------|-------------------|-----------------------------|-------------------|--------------------------|--------------|-----------|
|   | Number of passengers. | Coaching receipts. | Weights carried.               | Receipts.         |                             |                   | Coaching.                | Merchandise. | Total.    |
| Total traffic for the week ...                              | 225,867               | Rs. 4,71,387 17 0  | 20,71,205 30                   | 7,00,464 11 0     | 20,000 0 0                  | 9,92,651 10 0     | 62,700                   | 118,234      | 179,420   |
| Or per mile of railway ...                                  | 149 1                 | 3,117 7 8          | 13,620 10                      | 4,624 11 0        | 13 3 4                      | 6,544 10 0        | 400                      | 746          | 1,146     |
| For previous 12 weeks of half-year ...                      | 4,851,194             | 55,91,225 0 0      | 5,10,55,407 30                 | 1,70,03,170 1 4   | 48,000 0 0                  | 1,79,00,000 11 5  | 1,107,000                | 1,904,185    | 3,001,185 |
| Total for 12 weeks ...                                      | 5,101,071             | 58,71,111 2 0      | 5,40,90,703 30                 | 1,87,03,016 12 4  | 4,80,000 0 0                | 1,92,03,016 12 4  | 1,207,000                | 2,022,370    | 3,229,370 |
| COMPARISON.   |                       |                    |                                |                   |                             |                   |                          |              |           |
| Total for corresponding week of previous year ...           | 505,597               | 2,39,547 8 0       | 30,31,353 10                   | 7,50,692 5 0      | 17,847 8 5                  | 10,20,047 8 5     | 62,400                   | 131,185      | 193,585   |
| Per mile of railway corresponding week of previous year ... | 338 10 0              | 1,565 10 0         | 19,400 10 0                    | 4,902 5 0         | 11 11 5                     | 6,670 8 1         | 384                      | 835          | 1,219     |
| Total for corresponding date of previous year ...           | 4,022,500             | 44,03,311 11 4     | 4,10,06,404 30                 | 1,52,04,100 11 11 | 3,20,000 0 0                | 1,55,04,100 11 11 | 1,300,000                | 2,180,000    | 3,480,000 |

\* The increase in coaching traffic is almost general and is partially due to bathing festivals on account of Saurashtra and to carriage movements.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1893.

| RECEIPTS FOR WEEK ENDING 14TH MAY 1897. |           |                  | RECEIPTS FOR WEEK ENDING 12TH MAY 1898. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1897 TO 14TH MAY 1897. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1898 TO 12TH MAY 1898. |                 |                  | Total increase in 1898. | Total decrease in 1897. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Miles run.                              | Receipts. | Per mile worked. | Miles run.                              | Receipts. | Per mile worked. | Miles run.   | Total receipts. | Per mile worked. | Miles run.   | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 1,513                                   | 10,23,057 | 676              | 1,513½                                  | 10,23,017 | 680              | 1,510  | 61,32,792       | 700              | 1,512½   | 60,18,050       | 702              | Rs.                     | 4,87,390                |

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 12th May 1898, on 57½ miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MISCELLANEOUS. |             | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN MILES RUN. |              |        |
|---|-----------------------|--------------------|--------------------------------|-------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Coaching receipts. | Weights carried.               | Receipts.   |                             |                 | Coaching.                | Merchandise. | Total. |
| Total traffic for the week ...                              | 13,554                | Rs. 5,004 11 0     | 30,704 10                      | 2,777 10 0  | 30 0 0                      | 5,062 10 0      | 1,500                    | 1,004        | 2,504  |
| Or per mile of railway ...                                  | 237                   | 87 12 30           | 534 30                         | 48 5 11     | 0 8 5                       | 155 10 2        | 26                       | 17           | 43     |
| For previous 12 weeks of half-year ...                      | 279,702               | 1,08,000 7 0       | 4,70,400 0                     | 47,347 5 0  | 757 6 0                     | 1,04,874 0 0    | 22,500                   | 17,400       | 39,900 |
| Total for 12 weeks ...                                      | 281,111               | 1,08,044 9 0       | 4,70,400 10                    | 48,000 15 0 | 767 5 0                     | 1,05,078 5 0    | 22,500                   | 17,400       | 39,900 |
| COMPARISON.   |                       |                    |                                |             |                             |                 |                          |              |        |
| Total for corresponding week of previous year ...           | 10,000                | 5,000 11 7         | 45,000 10                      | 3,100 10 0  | 30 0 0                      | 8,270 0 7       | 1,000                    | 700          | 1,700  |
| Per mile of railway corresponding week of previous year ... | 217                   | 88 5 8             | 500 10                         | 48 11 5     | 0 11 5                      | 146 10 0        | 26                       | 17           | 43     |
| Total for corresponding date of previous year ...           | 279,702               | 1,08,000 7 0       | 4,70,400 10                    | 47,347 5 0  | 757 6 0                     | 1,04,874 0 0    | 22,500                   | 17,400       | 39,900 |

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1893.

| RECEIPTS FOR WEEK ENDING 14TH MAY 1897. |           |                  | RECEIPTS FOR WEEK ENDING 12TH MAY 1898. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1897 TO 14TH MAY 1897. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1898 TO 12TH MAY 1898. |                 |                  | Total increase in 1898. | Total decrease in 1897. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Miles run.                              | Receipts. | Per mile worked. | Miles run.                              | Receipts. | Per mile worked. | Miles run.   | Total receipts. | Per mile worked. | Miles run.   | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 57½                                     | 5,004     | 87               | 57½                                     | 5,002     | 88               | 57½  | 61,320          | 140              | 57½  | 60,180          | 140              | Rs.                     | 4,87,390                |

## ASSAM-BEHAR STATE RAILWAY.

(PUANEH SECTION.)

Approximate Return of Traffic for week ended 26th May 1888, on 39 miles open.

|  | COACHING TRAFFIC.     |                     | MERCHANDISE AND MINERAL TRAFFIC. |                     | Other earnings (estimated). | Total earnings.     | TRAFFIC TRAIN-MILES RUN. |              |        |
|--|-----------------------|---------------------|----------------------------------|---------------------|-----------------------------|---------------------|--------------------------|--------------|--------|
|  | Number of passengers. | Coaching receipts.  | Weight carried.                  | Receipts.           |                             |                     | Coaching.                | Merchandise. | Total. |
| Total traffic for the week                                 | 9,043                 | Rs. A. P. 1,044 0 0 | Mds. B. 31,040 0                 | Rs. A. P. 2,742 0 0 | Rs. A. P. 51 0 0            | Rs. A. P. 3,837 0 0 | 540                      | 546          | 1,086  |
| Or per mile of railway                                     | 232                   | 27 0 0              | 819 0                            | 70 0 0              | 1 0 0                       | 96 0 0              | .....                    | .....        | .....  |
| For previous 20 weeks of half-year                         | 27,018                | 20,012 0 0          | 5,19,083 0                       | 48,167 0 0          | 930 0 0                     | 54,700 0 0          | 10,790                   | 10,920       | 21,840 |
| Total for 20 weeks   | 28,101                | 21,056 0 0          | 5,51,123 0                       | 51,809 0 0          | 107 0 0                     | 54,562 0 0          | 12,400                   | 11,446       | 23,846 |
| COMPARISON.  |                       |                     |                                  |                     |                             |                     |                          |              |        |
| Total for corresponding week of previous year              | 2,375                 | 780 0 0             | 21,780 0                         | 2,467 0 0           | 10 0 0                      | 3,257 0 0           | 580                      | 539          | 1,078  |
| Or per mile of railway corresponding week of previous year | 61                    | 20 0 0              | 610 0                            | 64 0 0              | .....                       | 84 0 0              | .....                    | .....        | .....  |
| Total to corresponding date of previous year               | 20,400                | 6,974 0 0           | 2,07,204 0                       | 21,392 0 0          | 107 0 0                     | 28,763 0 0          | 4,428                    | 4,468        | 8,896  |

\* Audited up to week ending 14th April 1888.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

| RECEIPTS FOR WEEK ENDING 26TH MAY 1888. |           |                  | RECEIPTS FOR WEEK ENDING 26TH MAY 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 26TH MAY 1888. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 26TH MAY 1888. |                 |                  | Total increase in 1888-89. | Total decrease in 1888-89. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|----------------------------|----------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                            |                            |
| Rs.                                     | Rs.       | Rs.              | Rs.                                     | Rs.       | Rs.              | Rs.  | Rs.             | Rs.              | Rs.  | Rs.             | Rs.              |                            | Rs.                        |
| 1,297                                   | 84        | 50               | 3,917                                   | 99        | 30               | 28,703   | 98              | 30               | 28,312   | 90              | .....            |                            | 531                        |

\* Audited up to week ending 14th April 1888.

## NAILHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 10th May 1888, on 37½ miles open.

|  | COACHING TRAFFIC.     |                      | MERCHANDISE AND MINERAL TRAFFIC. |                   | Other earnings (estimated). | Total earnings.     | TRAFFIC TRAIN-MILES RUN. |              |         |
|--|-----------------------|----------------------|----------------------------------|-------------------|-----------------------------|---------------------|--------------------------|--------------|---------|
|  | Number of passengers. | Coaching receipts.   | Weight carried.                  | Receipts.         |                             |                     | Coaching.                | Merchandise. | Total.  |
| Total traffic for the week                                 | 3,403½                | Rs. A. P. 1,271 3 11 | Mds. B. 7,405 0                  | Rs. A. P. 497 7 6 | Rs. A. P. 21 8 4            | Rs. A. P. 1,790 4 3 | 540                      | 234          | 768     |
| Or per mile of railway                                     | 158                   | 40 10 0              | 273 0                            | 16 4 0            | 0 13 0                      | 60 11 0             | .....                    | .....        | .....   |
| For previous 10 weeks of half-year                         | 61,881½               | 22,871 13 1          | 2,84,276 0                       | 10,708 9 9        | 380 9 8                     | 20,915 16 8         | 10,671                   | 2,517½       | 18,186½ |
| Total for 10 weeks   | 65,464                | 24,003 0 0           | 3,01,727 0                       | 17,200 0 0        | 412 0 0                     | 24,745 0 0          | 10,180                   | 2,771½       | 18,951½ |
| COMPARISON.  |                       |                      |                                  |                   |                             |                     |                          |              |         |
| Total for corresponding week of previous year              | 3,038½                | 1,178 7 0            | 7,834 30                         | 448 6 0           | 14 3 0                      | 1,680 4 0           | 500                      | 254          | 768     |
| Or per mile of railway corresponding week of previous year | 111                   | 43 2 0               | 208 0                            | 17 13 0           | 0 11 0                      | 61 10 0             | .....                    | .....        | .....   |
| Total to corresponding date of previous year               | 60,654                | 22,847 2 6           | 2,54,823 50                      | 14,657 4 11       | 593 9 4                     | 20,253 1 0          | 10,262                   | 2,602½       | 17,114½ |

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nailhati State Railway.

| RECEIPTS FOR WEEK ENDING 10TH MAY 1887. |           |                  | RECEIPTS FOR WEEK ENDING 10TH MAY 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 10TH MAY 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 10TH MAY 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                         |
| Rs.                                     | Rs.       | Rs.              | Rs.                                     | Rs.       | Rs.              | Rs.  | Rs.             | Rs.              | Rs.  | Rs.             | Rs.              |                         | Rs.                     |
| 1,400                                   | 84        | 50               | 1,790                                   | 98        | 30               | 12,801   | 96              | 30               | 12,078   | 90              | .....            |                         | 478                     |

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 26th May 1888, on 27½ miles open.

|  | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |             | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN |              |        |
|--|-----------------------|--------------------|----------------------------------|-------------|-----------------------------|-----------------|-------------------------|--------------|--------|
|  | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.   |                             |                 | Coaching.               | Merchandise. | Total. |
|  |                       | Rs. A. P.          | Mds. c.                          | Rs. A. P.   | Rs. A. P.                   | Rs. A. P.       |                         |              |        |
| Total traffic for the week                                   | 2,772                 | 1,044 9 11         | 9,308 20                         | 514 9 0     | 6 10 0                      | 1,507 12 11     | 509                     | 254          | 7      |
| Or per mile of railway                                       | 102                   | 38 5 0             | 343 0                            | 20 1 0      | 0 4 0                       | 58 10 0         | .....                   | .....        | .....  |
| For previous 20 weeks of half-year                           | 63,768                | 24,138 0 1         | 3,09,105 24                      | 17,235 7 0  | 411 0 0                     | 41,631 5 1      | 10,196                  | 8,771        | 13,0   |
| Total for 3 weeks  | 66,490                | 25,213 0 0         | 3,11,235 0                       | 17,800 0 0  | 418 0 0                     | 43,431 0 0      | 10,480                  | 8,025        | 10,7   |
| COMPARISON.  |                       |                    |                                  |             |                             |                 |                         |              |        |
| Total for corresponding week of previous year                | 2,536                 | 886 16 0           | 7,558 20                         | 500 3 0     | 33 8 5                      | 1,510 7 5       | 509                     | 254          | 7      |
| Or per mile of railway corresponding period of previous year | 93                    | 32 0 0             | 278 0                            | 21 10 0     | 1 4 0                       | 55 7 11         | .....                   | .....        | .....  |
| Total to corresponding date of previous year                 | 62,964                | 23,784 1 11        | 2,90,415 1                       | 15,487 7 11 | 541 15 7                    | 39,703 0 0      | 10,761                  | 7,180        | 11,91  |

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

| RECEIPTS FOR WEEK ENDING 25TH MAY 1887. |           |                  | RECEIPTS FOR WEEK ENDING 26TH MAY 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 26TH MAY 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 26TH MAY 1888. |                 |                           | Total increase in 1887-88. | Total decrease in 1887-88. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|---------------------------|--|-----------------|---------------------------|----------------------------|----------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                            |                            |
|   | Rs.       | Rs.              |   | Rs.       | Rs.              |  | Rs.             | Rs.                       |  | Rs.             | Rs.                       | Rs.                        | Rs.                        |
| 27½                                     | 1,510     | 62               | 27½                                     | 1,498     | 59               | 27½  | 13,711          | 68                        | 27½  | 16,444          | 11                        | 603                        | .....                      |

\* Audited up to week ending 7th April 1887

## TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 26th May 1888, on 259 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |               | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN |              |         |
|---|-----------------------|--------------------|----------------------------------|---------------|-----------------------------|-----------------|-------------------------|--------------|---------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.     |                             |                 | Coaching.               | Merchandise. | Total.  |
|   |                       | Rs. A. P.          | Mds. c.                          | Rs. A. P.     | Rs. A. P.                   | Rs. A. P.       |                         |              |         |
| Total traffic for the week on 259 miles open                    | 43,008                | 15,001 4 0         | 3,63,052 30                      | 18,467 10 4   | 3,340 11 8                  | 37,408 11 0     | 5,560                   | 6,532        | 12,092  |
| Or per mile of railway  | 166                   | 58 0 0             | 764 0                            | 71 4 0        | 12 11 0                     | 156 8 0         | .....                   | .....        | .....   |
| For previous 20 weeks of half-year                              | 801,863               | 5,35,586 12 0      | 39,17,085 14                     | 4,28,379 5 8  | 61,807 8 8                  | 6,23,673 5 0    | 123,866                 | 1,05,881     | 229,747 |
| Total for 3 weeks   | 812,395               | 5,51,279 0 0       | 41,21,038 0                      | 4,44,837 0 0  | 64,807 0 0                  | 6,51,073 0 0    | 129,704                 | 1,11,716     | 241,420 |
| COMPARISON.   |                       |                    |                                  |               |                             |                 |                         |              |         |
| Total for corresponding week of previous year on 219 miles open | 37,790                | 12,508 13 0        | 1,90,594 30                      | 18,969 5 0    | 4,278 15 8                  | 36,946 2 2      | 5,076                   | 6,461        | 11,537  |
| Or per mile of railway corresponding week of previous year      | 168                   | 54 10 0            | 882 0                            | 76 3 0        | 4 9 0                       | 156 6 0         | .....                   | .....        | .....   |
| Total to corresponding date of previous year                    | 810,835               | 5,11,238 11 2      | 39,16,065 0                      | 3,47,088 15 6 | 67,573 14 2                 | 5,25,924 13 11  | 1,18,747                | 1,04,564     | 223,311 |

\* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

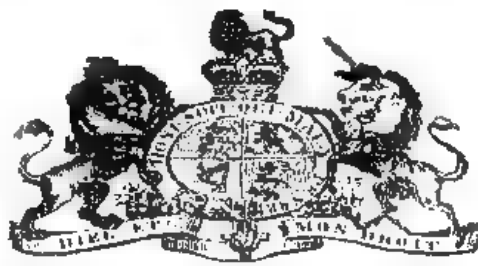
## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

| RECEIPTS FOR WEEK ENDING 25TH MAY 1887. |           |                  | RECEIPTS FOR WEEK ENDING 26TH MAY 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 26TH MAY 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 26TH MAY 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                         |                         |
|   | Rs.       | Rs.              |   | Rs.       | Rs.              |  | Rs.             | Rs.                       |  | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| 249                                     | 26,844    | 143              | 259                                     | 37,408    | 145              | 249  | 274,132         | 110                       | 259  | 4,25,881        | 165                       | 28,446                  | .....                   |

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

|  |     |     |     |     |     | Rs.       |
|--|-----|-----|-----|-----|-----|-----------|
| Approximate earnings for week ending 19th May 1888 | ... | ... | ... | ... | ... | 12,624    |
| Corresponding week last year                       | ... | ... | ... | ... | ... | 11,008    |
| Increase   | ... | ... | ... | ... | ... | 1,616     |
| Receipts from 1st January to 19th May 1888         | ... | ... | ... | ... | ... | 1,87,241  |
| From 1st January to 21st May 1887                  | ... | ... | ... | ... | ... | 1,53,937  |
| Increase   | ... | ... | ... | ... | ... | 33,304    |
|  |     |     |     |     |     | Miles.    |
| Miles open week ending 19th May 1888               | ... | ... | ... | ... | ... | 51        |
| Corresponding week last year                       | ... | ... | ... | ... | ... | 51        |
|  |     |     |     |     |     | Rs. A. P. |
| Receipts per mile open week ending 19th May 1888   | ... | ... | ... | ... | ... | 247 8 6   |
| Corresponding week last year                       | ... | ... | ... | ... | ... | 216 13 7  |
| Increase   | ... | ... | ... | ... | ... | 31 10 11  |



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 13, 1888.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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## RESOLUTION ON THE ADMINISTRATION REPORTS OF THE REFORMATORY SCHOOLS AT ALIPORE AND HAZARIBAGH FOR THE YEAR 1887.

### RESOLUTION.

#### JAILS.

*Darjeeling, the 5th June 1888.*

#### READ—

- (1) Letter No. 3310, dated 26th April 1888, from the Inspector-General of Jails forwarding the Report of the Administration of the Alipore Reformatory School for the year 1887.
- (2) Letter No. 2960, dated 16th April 1888, from the Inspector-General of Jails, forwarding the Report of the Administration of the Hazaribagh Reformatory School.

#### Read also—

The Reports for the year 1886, and the orders of Government recorded thereon.

The Alipore School opened 1887 with 109 and closed with 108 boys; 23 were admitted during the year, while 22 were released, 1 died and 1 escaped. There were no serious offences, and the proportion of punishments to the number of boys confined shows a very slight increase. No explanation is given of the increase in the punishments of caning and penal diet coincident with a reduction in the number of fines from 95 to 56. The health of

the school was good. Admissions to hospital rose from 1·96 per cent. daily in 1886 to 2·73 per cent. in 1887, owing to the large number of weak and sickly boys admitted during the last two years, many of whom had to be kept in hospital for some time before being sent to work. One boy died from epileptic fits.

2. No change has been made in the way in which the day is divided between school and work. The boys work for seven hours and have also one hour of compulsory school; they can also attend the night school from 6-30 to 11 P.M. It is very satisfactory that as many as 90 boys on an average attend in the evening. The mark system worked well. The number of boys entitled to marks increased slightly, and the average weekly earnings rose from Rs. 1-13-10 in 1886 to Rs. 2-0-4. The total earned during the year was Rs. 222-10-6, including payments for extra work, of which Rs. 177-4 were deposited in the Government Savings Bank.

3. The reports regarding released boys compare favourably with those for last year. Reports were received in the case of 52 boys; 9 only, or 17·3 per cent., of whom 6 were in jail, were said to bear bad characters. 7 only out of the 52 follow the trades they learned at school, out of whom 2 had been only two and three years respectively in the school. The others had been there five years or more.

4. The cost of maintenance fell from Rs. 126-10-9 to Rs. 126-1-10 for each boy. The cost of diet fell from Rs. 3,381-7-9 in 1886 to Rs. 3,156-4-9 in 1887.

5. The manufactory account shows a profit to the school of Rs. 8,521-15-6 against Rs. 9,180-12-11 in 1886. No allowance is made in the account for the value of the labour of the boys employed, or for wear and tear of block; it merely shows the balance of actual receipts over actual expenditure. Book-binding, carpentry, and tinsmith's work showed net profits of Rs. 4,693-13-0½, Rs. 1,470-2-7 and Rs. 1,451-12-8½ respectively. The profits on cane work decreased from Rs. 501-14-7 in 1886 to Rs. 313-5-10 in 1887, owing to the increased cost of raw cane and its inferior quality. The number of boys engaged was very small, as some of the old boys were released, and it is only boys of certain castes that can be put to this work.

6. The Lieutenant-Governor is glad to see that Mr. Kirschner's management of the school continues to deserve the praise of the Board of Management and of the Inspector-General of Jails. The acknowledgments of Sir Stuart Bayley are also due to the Board of Management.

7. The number of boys confined in the Hazaribagh School has risen from 227 at the close of 1886 to 232 at the close of 1887. The daily average population was 225 against 209·4 in 1886. The health of the school was good; only one boy died; he had been sickly for several years.

8. There was an improvement in discipline during the year. 124 boys were neither punished nor reported. There were only 570 punishments against 717 last year, showing that the severity of the punishments last year had the desired effect. Whipping and hand-caning were resorted to in 135 cases only against 325 in 1886. On the other hand, marks were forfeited in 300 cases against 123 in 1886. Penal diet was not resorted to. There was one serious case of assault, in which four boys and two of the trade instructors attacked the store-keeper. The trade instructors were dismissed, but not prosecuted, as the Deputy Commissioner considered that there was not sufficient evidence to secure a conviction.

9. The daily routine is the same as at Alipore, except that the hours of rising differ slightly, and night school at Hazaribagh lasts from 6 to 11 P.M., while at Alipore it begins at 6-30 P.M. The Inspector-General of Jails was requested in paragraph 9 of last year's Resolution and in paragraph 11 of the Resolution for 1885, to notice specially the question of the assimilation of system at the two schools, but he has not done so. He will be again asked to report on this subject. No figures have been given to show the average attendance at the night school, though this was called for in last year's resolution. This omission should be remedied in the next report. The mark system worked well. The average earnings per week rose from Rs. 5-2-1 in 1886 to Rs. 5-10-1 in 1887. The total earnings came to Rs. 517-2-9.



10. Reports were received regarding 54 boys; 42 reports were favourable; in 8 cases the whereabouts of the boys were not known; 4 had been reconvicted and sent to jail. One boy was looked upon with suspicion by the police; only 11 boys continued to work at the trade they learnt in school.

11. The expenditure fell from Rs. 108-10-7 per head in 1886 to Rs. 77-9-5 in 1887. This decrease was mainly due to small outlay required for buildings, and to economies effected in dieting the boys by getting *atta* from the jail, purchasing animal food at a lower rate, and using a cheaper kind of rice.

12. The manufacture account shows a profit of Rs. 1,698-12-2 only against Rs. 2,314-4-2 in 1886. There is a very limited local market and the cost of carriage to Calcutta and elsewhere absorbs a great part of the profits. These expenses were so great on the work done for the Postal Department that the contract has been discontinued. The trades taught are carpentry, in which there is a profit of Rs. 1,445, ironwork, shoe-making and tinwork. Twenty-two of the younger boys were employed in the garden. It struck the Lieutenant-Governor when visiting the school last March that it might be possible to introduce the manufacture of objects for which a local demand exists, and so save the cost of carriage to Calcutta. The subject has since been considered by the Inspector-General of Jails and the Superintendent of Jail Manufactures, but without any result as yet. Dr. Lethbridge, however, has promised to look carefully into the matter when he visits the school next August.

13. The Lieutenant-Governor notices with pleasure that the school is regularly inspected by the official visitors, who have again very favourably reported on Mr. Hill, the Deputy Superintendent. Dr. Moorhead deserves credit for its excellent condition.

ORDER.—Ordered that a copy of the Resolution be forwarded to the President of the Board of Management of the Reformatory School at Alipore for information and communication to the Members of the Board.

Ordered also that a copy of the Reports, and a copy of the Resolution, be forwarded to the Inspector-General of Jails for information and communication to the Superintendent of the Hazaribagh Reformatory School.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

J. WARE EDGAR,

*Chief Secretary to the Government of Bengal.*

**REPORT ON THE WORKING OF THE LICENSED WAREHOUSE AND  
FIRE-BRIGADE ACT IN THE SUBURBS OF CALCUTTA FOR THE  
YEAR 1887-88.**

*The 9th June 1888.*—The following report is published for general information.

COLMAN MACAULAY,  
*Secy. to the Govt. of Bengal.*

No. 28MM, dated Calcutta, the 30th May 1888.

From—A. SMITH, Esq., Commissioner of the Presidency Division.

To—The Secretary to the Government of Bengal, Municipal Department.

I HAVE the honour to submit herewith, under the provisions of section 30 of the Licensed Warehouse and Fire-Brigade Act, IV (B.C.) of 1883, the annual report, together with the usual statements, on the working of the Act during the year 1887-88.

2. Statement A shows the names of the different hydraulic presses, jute mills, cotton mills, hand screws and warehouses for storage of jute, licensed in the suburbs; B contains in the prescribed form the receipts and disbursements under the Act; and C the details of fires which occurred during the year.

3. The number of hydraulic presses, jute mills, cotton mills and hand screws remained the same as in the last year. That of warehouses for the storage of jute increased from 103 to 108, five such houses having been newly added to the list. The Asiatic Jute Mill, which was unoccupied during the previous year, was worked during the year of report, and one of the two hand screws remained unoccupied. Of the 108 jute warehouses in the list, 32 remained unoccupied, against 28 in the year preceding. The notes in the column of remarks of statement A will show these facts and other necessary particulars connected with the working of the warehouses.

4. The license-fees realized from all classes of warehouses during the year amounted to Rs. 33,975-12, viz., Rs. 21,624-13 from hydraulic presses, Rs. 1,088 from jute mills, Rs. 240 from cotton mills, Rs. 165 from hand screws, and Rs. 10,857-15 from jute warehouses, against a total sum of Rs. 33,912-13, viz., Rs. 21,624-13 from hydraulic presses, Rs. 968 from jute mills, Rs. 240 from cotton mills, Rs. 480 from hand screws, and Rs. 10,600 from jute warehouses, received during the year 1886-87. Thus there has been a net increase of Rs. 62-15 in the license-fees during the year of report, as compared with the result of the preceding year.

5. There were eleven fires during the year as per details in the statement C supplied by the Police, causing a loss to the extent of Rs. 10,200, against six fires and a loss of Rs 7,440 in the year preceding.

## A.

List of Jute and Cotton Warehouses licensed in the Suburbs of Calcutta during the year 1887-88.

| No.                                    | Names of the owners or occupiers of the warehouses.                                 | Locality of the warehouses.                          | Amount of licence fee realized. | Total.      | REMARKS.  |
|--|---|--|---------------------------------|-------------|---|
| <b>Hydraulic Presses.</b>              |   |  |                                 |             |   |
|  |   |  | Rs. A. P.                       | Rs. A. P.   |   |
| 1                                      | Campdown Pressing Company, Limited  | 4 & 5, Rustonjee's Lane, Cossipore.                  | 2,000 0 0                       |             |   |
| 2                                      | Messrs. S. C. Chunder & Co. (Proprietors of Bengal Hydraulic Press).                | 4, Sugar Work's Lane, Cossipore.                     | 1,920 0 0                       |             |   |
| 3                                      | Messrs. Datta Dutt Choud (Agents, Messrs. Graham & Co.).                            | 2, Chittapore Ghat Lane, Nowabpatty.                 | 1,200 0 0                       |             | Now no agents.  |
| 4                                      | Ashcroft Pressing Company, Limited (Owner, Kirti Chunder Mitter).                   | 10, Nowabpatty Street, Chittapore.                   | 1,500 0 0                       |             | Now owner, Mr. P. N. Mitter.  |
| 5                                      | Messrs. Brasthausen, Oesterley & Co. (Owner, Raj Krishna Das).                      | 5, Kally Pressing Singhee's Street, Chittapore.      | 2,250 0 0                       |             | Now Messrs. Voigt & Co.   |
|  | Messrs. Ralli Brothers  | 3, Sugar Work's Lane, Cossipore.                     | 4,500 0 0                       |             |   |
| 7                                      | Messrs. Kettlowell, Bullen & Co. (Owner, Musick Lall Seal).                         | 42A, Cossipore Road                                  | 1,200 0 0                       |             | Number changed to 21A.  |
| 8                                      | R. Quilley, Esq. (Agent and Secretary, Calcutta Hydraulic Press Company, Limited).  | 4, Kally Pressing Singhee's Street, Chittapore.      | 1,684 15 0                      |             |   |
|  | Messrs. George Henderson & Co. (Agents, Watson Patent Press Company, Limited).      | 1, Gaillet Street, Bux Bazar                         | 900 0 0                         |             |   |
| 10                                     | Messrs. N. J. Vuletta & Co. (Agents, Chittapore Hydraulic Press Company, Limited).  | 2, Kally Pressing Singhee's Street, Chittapore.      | 2,040 0 0                       |             |   |
| 11                                     | Messrs. Reinhold & Co. (Managing Agents, Calcutta Press Company, Limited).          | 2, Nowabpatty Road, Chittapore.                      | 1,140 0 0                       |             | Messrs. McDowell, Methven & Co. are now Agents.   |
| 12                                     | Raja Porano Chunder Shukh, Bahadur (Proprietor Victoria Press).                     | 7 & 100, Cossipore Road                              | 1,200 0 0                       |             | Agents, Messrs. Voigt & Co.   |
|  |   |  |                                 | 31,624 18 0 |   |
| <b>Jute Mills.</b>                     |   |  |                                 |             |   |
| 1                                      | Messrs. Gladstone, Wyllie & Co. (Agents, Olive Jute Mills).                         | 48, Garden Reach Road                                | 240 0 0                         |             |   |
| 2                                      | Messrs. Bird & Co. (Agents, Union Jute Company, Limited).                           | 0, Gooliparrat Road, Sealdah.                        | 200 0 0                         |             |   |
| 3                                      | Messrs. Robinson, Morrison & Co. (Managing Agents, Asiatic Jute Company, Limited).  | 73, Narvoldangah Main Road.                          | 120 0 0                         |             | New Hindustani Jute Company, Limited.   |
| 4                                      | Deputy Superintendent, Alipore Jail   | 5, Jail Lane   | 120 0 0                         |             |   |
| 5                                      | Messrs. George Henderson & Co. (Agents, Baranagore Branch Mill).                    | 153, Ballinghatta Road                               | 120 0 0                         |             |   |
| 6                                      | Messrs. Gillanders, Arbuthnot & Co.   | 11, Garden Reach Road                                | 200 0 0                         |             |   |
|  |   |  |                                 | 1,080 0 0   |   |
| <b>Cotton Mills.</b>                   |   |  |                                 |             |   |
| 1                                      | Messrs. Mackinnon, Mackenzie & Co. (Agents, Garden Reach Cotton Mills Association). | 22, Ditto ditto                                      | 120 0 0                         |             |   |
| 2                                      | Messrs. Andrew, Yule & Co. (Agents, Bengal Mills Company, Limited).                 | 47, Ditto ditto                                      | 120 0 0                         |             |   |
|  |   |  |                                 | 240 0 0     |   |
| <b>Hand Screws.</b>                    |   |  |                                 |             |   |
| 1                                      | Chunder Nath Shaha  | 1, Ram Gopal Ghose's Lane, Chittapore.               |                                 |             | Unoccupied.   |
| 2                                      | Hurriah Chunder Bose  | 14, Kally Pressing Singhee's Street, Chittapore.     | 185 0 0                         |             | Occupied by Messrs. Voigt & Co.   |
|  |   |  |                                 | 185 0 0     |   |
| <b>Warehouses for storage of Jute.</b> |   |  |                                 |             |   |
| 1                                      | Biddu Bhoomin Mitter (Owner, Khelat Chunder Ghose).                                 | 4 & 6, Khelat Chunder Ghose's Lane.                  | 50 0 0                          |             |   |
| 2                                      | Hurriah Chunder Dutt (Owner, Nilmony Mitter).                                       | 13, Belgatchia Road                                  | 50 0 0                          |             | Now occupied by Joyramin Duttal. Number changed to 300.                                 |
| 3                                      | Agent, Eastern Bengal State Railway   | 1, Upper Circular Road                               | 600 0 0                         |             | Changed to 6, Chittapore Street.  |
| 4                                      | " Ditto ditto   | 8, Chittapore Cross Road                             | 1,500 0 0                       |             |   |
| 5                                      | Nilmedhub Shikder   | 18, Ooltadangah Road                                 | 152 0 0                         |             |   |
| 6                                      | Raschbhary and Jullodhur Roy (Owner, P. K. Mukerjee).                               | 8 & 6A, Frankenstein Mukerjee's Lane.                | 50 0 0                          |             | Now Porosh Nath Sen and Umesh Ch. Roy. There is no 6A.                                  |
| 7                                      | Gyan Chunder Sen  | 15, Ditto ditto                                      | 50 0 0                          |             |   |
| 8                                      | Hurriah Chunder Dutt  | 10 & 20, Gouribere Lane                              |                                 |             | Unoccupied.   |
| 9                                      | " Ditto ditto   | 27-3, Canal West Road                                | 98 0 0                          |             | No. 27-3 and not 27-4.  |
| 10                                     | " Ditto ditto   | 29-3, Ditto ditto                                    | 73 0 0                          |             | Now occupied by Anurag Coomer and Gura Charau Shaha. Only 18 occupied by Kanya Ch. Das. |
| 11                                     | Gopal Chunder Sikder and Mohesh Chunder Kundu (Owner, P. K. Mukerjee).              | 11 & 12A, Talla Road                                 | 50 0 0                          |             | Unoccupied.   |
| 12                                     | Shama Churn Ballova (Owner, Shama Churn Lahiri).                                    | 5, Belgatchia Road                                   | 50 0 0                          |             |   |
| 13                                     | Mohesh Chunder Kundu  | 5, Kally Coomer Banerjee's Lane.                     |                                 |             |   |
| 14                                     | Messrs. W. S. Mastervish & Co.  | Compartment 3 of building No. 3A, Ballinghatta Road. |                                 |             | Ditto.  |
| 15                                     | Behary Lall Pyne (Owner, Maguljan Oltapur).   | 25, Mooratipookur Road                               | 50 0 0                          |             |   |
| 16                                     | Prohad Chunder and Narrotham Shikder  | 83, Barrackpore Trunk Road.                          |                                 |             | Ditto.  |
| 17                                     | Narottam Shikder  | 10, Gouribere Lane                                   | 75 0 0                          |             |   |
| 18                                     | Bany Machub Shikder   | 25-1, Canal West Road                                | 50 0 0                          |             | Now Lohit Mohun and Brindabun Shaw  |
| 19                                     | Gopas Mohun Roy   | 1-1, Badredam Tangle Street.                         | 100 0 0                         |             |   |
| 20                                     | " Ditto ditto   | 20, Canal West Road                                  | 181 0 0                         |             |   |
| 21                                     | Mohun Ramch Roy   | 20-1, Ditto ditto                                    | 120 0 0                         |             | Now Gopas Mohun Roy.  |
| 22                                     | Sati Mohun and Brindabun Chunder  | 24-3, Ditto ditto                                    | 75 0 0                          |             |   |
| 23                                     | " Ditto ditto   | 24-3, Ditto ditto                                    |                                 |             | No. 24-3 and 24-3 amalgamated.  |
| 24                                     | Yashwanth Rajah   | 15, Cossipore Road                                   |                                 |             | Unoccupied.   |
| 25                                     | Kirti Chunder Mitter  | 4, Frankenstein Mukerjee's Lane.                     | 72 0 0                          |             | Now Surup Ch. Senji and others.   |
| 26                                     | " Ditto ditto   | 2, Chittapore Street                                 | 260 0 0                         |             |   |
| 27                                     | Messrs. Ghose Gole  | 7 & 8, Chittapore Ghat Lane.                         | 255 0 0                         |             | Now Messrs. Dunsen Brothers.  |

| No.                                       | Name of the owners or occupiers of the warehouses.  | Locality of the warehouse.                     | Amount of license fee realized. | Total.    | REMARKS.   |
|---|---|--|---------------------------------|-----------|--|
| Warehouses for the storage of jute—contd. |   |  | Rs. A. P.                       | Rs. A. P. |  |
| 28  | Tara Charan Guha  | 8, Frankisson Mukerjee's Lane.                 | 50 0 0                          |           | Now Dwarka Nath Roy.   |
| 29  | Dip Chand and Hura Chand Kundu  | 63-5, Canal West Road                          | 120 0 0                         |           |  |
| 30  | Hajoy Chunder Dutt  | 41-1, Ditto ditto                              | 90 0 0                          |           |  |
| 31  | Tara Prasanna Roy   | 35-4, Ditto ditto                              | 18 0 0                          |           | 61, Canal East Road, and not 41-1, Canal West Road.            |
| 32  | Sonaton Day   | 6, Gouribara Lane                              | 50 0 0                          |           | Unoccupied.  |
| 33  | Kristo Monnal Shaw  | 33-3-1, Canal West Road.                       |                                 |           | Ditto.   |
| 34  | Scorpas Chandra and Gura Charan Shaw  | 45, Ditto ditto                                |                                 |           |  |
| 35  | Mohina Chunder Kundu and Koylash Chunder Kundu  | 32, Ditto ditto                                | 72 0 0                          |           |  |
| 36  | Mohina Chunder Kundu  | 31, Ditto ditto                                | 84 0 0                          |           |  |
| 37  | Gobardhone Shaw   | 45, Ditto ditto                                | 120 0 0                         |           | Canal East Road and not Canal West Road.                       |
| 38  | Kally Charan Poddar (Owner, H. C. Dutt)   | 20, Radhadas Temple Street.                    | 50 0 0                          |           | Now Huriish Chunder Dutt.                                      |
| 39  | Radha Kristo Guha   | 1, Chittpore Street                            | 54 0 0                          |           | Due to decrease of valuation.                                  |
| 40  | Ditto   | 7, Frankisson Mukerjee's Lane.                 |                                 |           | Unoccupied.  |
| 41  | Tara Charan Guha  | 7, Ditto ditto                                 | 258 0 0                         |           | Now Ramkristo Patak, Sarup Saragi, &c.                         |
| 42  | Bonomally Kundu   | 2, Bonomally Chatterjee's Street.              | 50 0 0                          |           |  |
| 43  | Dwarka Nath and Bonomally Kundu   | 20, Chittpore Ghat Lane                        | 210 0 0                         |           | No. 23, and not 20.  |
| 44  | Proddal Chunder and Disambur Shaw   | 21, Ditto ditto                                | 150 0 0                         |           |  |
| 45  | Ditto   | 4, Ditto ditto                                 | 60 0 0                          |           | No. 8, and not 4.  |
| 46  | Kally Bunker and Tarruck Nath Kundu   | 6, Tallah Road                                 | 60 0 0                          |           | Now Nabe Kismore and Akkany Roy.                               |
| 47  | Ditto ditto   | 22, Ditto                                      |                                 |           | Unoccupied.  |
| 48  | Rajendra Lal Shaw and four others   | 3 & 4, Chittpore Ghat Road                     | 138 0 0                         |           | Due to decrease of valuation. Now Huro Nath Biswas and others. |
| 49  | Nuffur Chunder Ta   | 3 & 4, Ditto ditto                             |                                 |           | Unoccupied.  |
| 50  | Madhub Chunder Dutt   | 7, Nowabpatty Street                           | 50 0 0                          |           |  |
| 51  | Dwarka Nath Bhunia  | 8, Olai Chandra Mohan Road                     | 50 0 0                          |           |  |
| 52  | Chunder Nath Dalal  | 61, Belgatchia Road                            |                                 |           | Ditto.   |
| 53  | Ditto ditto   | 9, Ditto                                       |                                 |           | Ditto.   |
| 54  | Wotsab Narain Chowdhury   | 10, Setpukur Road                              | 100 0 0                         |           | Now Kanyo Chunder Das.   |
| 55  | Dwarka Nath Roy   | 8, Tallah Road                                 | 60 0 0                          |           |  |
| 56  | Ditto ditto   | 14, Frankisson Mukerjee's Lane.                | 68 0 0                          |           |  |
| 57  | Messrs. W. B. Macavish & Co.  | 10, Belgatchia Road                            | 78 0 0                          |           | Now occupied by Chunder Dalal.                                 |
| 58  | Koylash Chunder Banerjee (Owner, Nil-mony Mitter)   | 13, Ditto ditto                                |                                 |           | Unoccupied.  |
| 59  | Huriish Chunder Dutt  | 10, Chittpore Ghat Lane                        |                                 |           | Ditto.   |
| 60  | Messrs. Ernsthausen, Osterley & Co. Agents, Strand Bank Press Co. (Owner, Kally Das Seal) | 3, Kally Prasanna Singhee's Street, Chittpore. | 420 0 0                         |           | Now Mr. R. Quillette.  |
| 61  | Ditto ditto ditto   | 5A, Ditto ditto                                | 300 0 0                         |           | Now Messrs. Voigt & Co.  |
| 62  | Roma Nath Das   | 1, Chittpore Bridge approach.                  | 180 0 0                         |           | Now Messrs. George Henderson & Co.                             |
| 63  | Kally Nath Poddar   | 2, Radhadas Temple Street                      |                                 |           | Unoccupied.  |
| 64  | Sorup Chunder Soraji (Owner, Tarruck Chunder Poddar)                                      | 13, Frankisson Mukerjee's Lane.                | 50 0 0                          |           | Now Parash Nath Sen & Co.                                      |
| 65  | Brojodoyal Shaw (Owner, G. C. Roy)  | 7, Setpukur Road                               | 60 0 0                          |           | Now Gobind Ch. Ghose; due to decrease of valuation.            |
| 66  | Huriish Chunder Das   | 12, Kally Prasanna Singhee's Street.           | 60 0 0                          |           |  |
| 67  | Nabi Mohun and Brindaban Shaw (Owner, K. K. Poddar)                                       | 5-1, Chawipatty Road                           |                                 |           | Unoccupied.  |
| 68  | Brindaban Chunder Roy (Owner, Russick Lal Shaha)  | 8, Frankisson Mukerjee's Lane                  | 324 0 0                         |           | Now Secretary, Port Commissioners.                             |
| 69  | Ditto ditto (B. K. Chatterjee)  | 2, Ditto ditto                                 | 75 0 0                          |           | Now Nobokisore and Akkany Roy.                                 |
| 70  | Mr. T. Augier   | 14, Kally Prasanna Singhee's Street.           |                                 |           | Unoccupied.  |
| 71  | Koylash Chunder Mondole   | 7, Chittpore Bridge Road.                      |                                 |           | Ditto.   |
| 72  | Proo Nath Mitter  | 1, Lockgate Road                               | 250 0 0                         |           |  |
| 73  | Messrs. Chew and Pal (Owner, Giribala Das)  | 10, Nowabpatty Street                          |                                 |           | Ditto.   |
| 74  | Naration Sikder   | 50, Gouribara Road                             | 102 0 0                         |           |  |
| 75  | Kamala Gopin Chatterji (Owner, B. M. Kundu)   | 10, Nowabpatty Street                          |                                 |           | Ditto.   |
| 76  | Shama Charan Bullore (Owner, B. C. Lahiri)  | 5, Belgatchia Road                             |                                 |           | Ditto.   |
| 77  | Nimudobh Sikder   | 16 & 17, Gailiff Street                        |                                 |           | Ditto.   |
| 78  | Huriish Chunder and Benode Bahary Dutt  | 32-3-1, Canal West Road                        | 120 0 0                         |           |  |
| 79  | Messrs. Chew and Pal (Owner, Indro Narain Biswas)   | 2, Shaikpara Road                              | 50 0 0                          |           | Now Indro Narain Biswas.                                       |
| 80  | Sidam Chunder and Isaur Chunder Kundu   | 53, Barrackpore Trunk Road.                    |                                 |           | Unoccupied.  |
| 81  | Isaur Chunder Banerjee  | 55A, Ditto ditto                               |                                 |           | Ditto.   |
| 82  | R. L. Mitter and S. C. Hoss (Owner, B. L. Das)  | 56, Belgatchia Road                            | 50 0 0                          |           |  |
| 83  | Messrs. Finlay, Muir & Co. (Owner, A. C. Chatterjee)                                      | 15, Tallah Road                                |                                 |           | Ditto.   |
| 84  | Agent, Eastern Bengal State Railway   | 6, Chittpore Street                            | 400 0 0                         |           |  |
| 85  | H. Quillette, Esq. (Owner, Callydas Seal)   | 3A, Kally Prasanna Singhee's Street.           |                                 |           | Unoccupied.  |
| 86  | Messrs. Ernsthausen, Osterley & Co. (Owner, Rajkristo Roy)                                | 5A, Ditto ditto                                | 300 0 0                         |           | Now Messrs. Voigt & Co.  |
| 87  | Kally Bunker and Tarruck Nath Kundu   | 32-4-1, Canal West Road                        | 60 0 0                          |           |  |
| 88  | Dwarka Nath Roy (Owner, N. L. Mullik)   | 8, Tallah Road                                 | 64 12 0                         |           |  |
| 89  | Brojodhur and Gopal Mullick   | 8, Frankisson Mukerjee's Lane.                 | 50 0 0                          |           | Now Gobind Ch. Ghose.  |
| 90  | Callydas Roy  | 6, Ditto ditto                                 |                                 |           | Unoccupied.  |
| 91  | Bunker Prasad Bachasputty   | 4, Chittpore Street                            | 50 0 0                          |           | Now Gobind Ch. Patak.  |
| 92  | Bharat Chunder Shaw and Jeshunkristo Ghose  | 12A, Belgatchia Road                           | 50 0 0                          |           |  |
| 93  | Bunker Prasad Bachasputty   | 14, Nowabpatty Street                          | 50 0 0                          |           |  |
| 94  | Khetter Mohan Bose  | 16, Pykoparad Road                             | 50 0 0                          |           | Now Tarruck Nath Kundu.  |
| 95  | Nobin Chunder Roy (Owner, Noyan Ch. Chatterjee)   | 55A, Belgatchia Road                           | 50 0 0                          |           | Now Tarruck Nath Kundu.  |

**SUPPLEMENT TO THE CALCUTTA GAZETTE, JUNE 13, 1908. 1281**

| No.  | Names of the owners or occupiers of the warehouses.               | Locality of the warehouses.         | Amount of license fee realized. | Total.      | REMARKS.    |
|--|---|-------------------------------------|---------------------------------|-------------|-------------|
| <i>Warehouses for the storage of jute—concluded.</i> |   |                                     |                                 |             |             |
| 94   | Biddu Nath Mondol and others                                      | 43, Balgachia Road                  | ...                             | Rs. A. P.   | Unoccupied. |
| 97   | Sidam Chunder Kundu   | 5A, Kally Coomarr Banerjee's Lane.  | 50 0 0                          | ...         |             |
| 98   | Urash Chander Roy and Porash Nath Sen.                            | 2, Chitpore Street                  | ...                             | ...         | Ditto.      |
| 99   | Saroop Chunder Saraji   | 4, Frankissen Mukerjee's Lane.      | ...                             | ...         | Ditto.      |
| 100  | Kisorey Lal Mukerjee  | 1, Chitpore Cross Road              | ...                             | ...         | Ditto.      |
| 101  | Protop Chunder Tal  | 15, Nowabpally Street               | ...                             | ...         | Ditto.      |
| 102  | Frankissen Mukerjee   | 4, Secunder Road                    | ...                             | ...         | Ditto.      |
| 103  | K. Quifallo, Esq.   | 6-1, Kally Pransona Singh's Street. | 500 0 0                         | ...         |             |
| 104  | Boorjee Comar and Gaurie Churn Shaw (Owner, Indro Narain Biswas). | 40A, Canal East Road                | 50 0 0                          | ...         | Now.        |
| 105  | Madan Mohun Roy, Dulla  | 43, Ditto ditto                     | 50 0 0                          | ...         | Do.         |
| 106  | Proo Nath Mitter  | 10, Frankissen Mukerjee's Lane.     | 50 0 0                          | ...         | Do.         |
| 107  | Indro Narain Biswas   | 48K, Balgachia Road                 | 50 0 0                          | ...         | Do.         |
| 108  | Bhoobay Mohun Ghose (Owner, Indro Narain Biswas).                 | 50M, Ditto ditto                    | 50 0 0                          | ...         | Do.         |
|  |   |                                     |                                 | 83,975 12 0 |             |

**B.**

**Dr.** *Account of fees realized by issue of Jute Licenses in the Suburbs of Calcutta.* **Cr.**

|   | Rs. | A.  | P.  |  | Rs.    | A. | P. |
|---|-----|-----|-----|--|--------|----|----|
| By amount of jute license fees for 1897-98 received during the year | ... | ... | ... | To amount of executive charges of this Municipality, at 20 per cent.         | 6,745  | 2  | 5  |
| Total   | ... | ... | ... | To amount paid to the Calcutta Police for Fire-Brigade Fund, at 80 per cent. | 27,160 | 0  | 7  |
|   |     |     |     | Total  | 33,905 | 12 | 0  |

**C.**

*Extract from the Register of Fires and operation of the Calcutta Fire Brigade.*

| Date.         | Locality of fire, with section letter. | Time of outbreak. | Time of alarm at fire-station. | Time of arrival of brigade. | Property destroyed, with approximate value, and whether insured or not.                            | Cause of fire.  | REMARKS.   |
|---------------|--|-------------------|--------------------------------|-----------------------------|--|---|--|
| 1897.         |  |                   |                                |                             |  |   |  |
| 1st October   | Canal, M, Suburbs.                     | 8-30 P.M.         | 8-45 P.M.                      | 9-15 P.M.                   | A boat laden with straw, value Rs. 400; not insured.   | Unknown   | All out at 12 P.M.                                   |
| 2nd December  | Banipooker, G, Suburbs.                | 12-15 mid-night.  | 12-30 mid-night.               | 12-45 mid-night.            | Three kolanpita huts and one cow, value Rs. 200; not insured.                                      | Fire originated in a cowshed, where fire was kept to make the sheet warm.     | Extinguished by the local police and the neighbours. |
| 1898.         |  |                   |                                |                             |  |   |  |
| 14th January  | Hintally, F, Suburbs.                  | 1 A.M.            | 1-10 A.M.                      | 1-30 A.M.                   | Four tiled huts, value Rs. 150.  | Unknown   | All out at 3-30 A.M.                                 |
| 9th ditto     | Wairange, M, Suburbs.                  | 1-45 A.M.         | 1-50 A.M.                      | 2-15 A.M.                   | Three stacks of straw and three huts, value Rs. 1,500.   | Ditto   | All out at 7 A.M.                                    |
| 10th February | Banipooker, G, Suburbs.                | 2-30 A.M.         | 2-40 A.M.                      | 2-10 A.M.                   | Six tiled houses, value Rs. 500; not insured.  | Ditto   | All out at 4-30 A.M.                                 |
| 19th ditto    | Wairange, M, Suburbs.                  | 1 A.M.            | 1-10 A.M.                      | 1-30 A.M.                   | Six stacks of straw, value Rs. 7500; not insured.  | Ditto   | All out at 4 P.M.                                    |
| Ditto         | Footman, F, Suburbs.                   | 2-15 A.M.         | 2-30 A.M.                      | 3 A.M.                      | Sixteen thatched houses, value Rs. 1,000; not insured.   | By a kerosene lamp upsetting in the stable of Jodu Nath Taloo.                | All out at 4-30 A.M.                                 |
| 4th ditto     | Wairange, M, Suburbs.                  | 12 P.M.           | 12-0 A.M.                      | 12-30 A.M.                  | Two tiled huts and 12 stacks of straw, value Rs. 1,300; not insured.                               | Unknown   | All out at 9 A.M. of the 15th instant.               |
| 6th March     | Boltghatta, H, Suburbs.                | 8-40 P.M.         | 8-45 P.M.                      | 10 P.M.                     | Twenty-two huts, value Rs. 500; not insured.   | Fire from a choola ignited the east wall of a hut.                            | All out at 12 midnight.                              |
| Ditto         | Banipooker, G, Suburbs.                | 11-45 P.M.        | 11-55 P.M.                     | 12-15 mid-night.            | Thirty tiled huts, value Rs. 1,500.  | Flame of a kerosene lamp ignited the east wall of the house of Bhoojan Taloo. | All out at 3 A.M.                                    |
| 26th ditto    | Chitpore, A, Suburbs.                  | 9-45 A.M.         | 9-50 A.M.                      | 10-30 A.M.                  | A line of brick godowns containing waste jute, paper, and trifles, damaged Rs. 2,000; not insured. | Fire from a choola ignited a pile of jute outside the godown.                 | All out at 1 P.M.                                    |

## Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the crops in the different districts of Bengal, as reported to Government during the week ending the 9th June 1888.

| No.                       | District and date of return. | Rainfall at Sudder Station in inches.  | Character of the weather and state and prospects of the crops.  |  |      |
|---------------------------|------------------------------|--|---|--|------|
| BENGAL.                   |                              |  |   |  |      |
| Western Districts.        |                              |  |   |  |      |
| BUREAU DIV.               | 1 Burdwan June 9, '88        | 1.82   | Weather—bright, moist, and hot, with storms every evening. Prospects of crops good. Local showers have given sufficient rain for the present. Common rice stands at 22 seers per rupee. |  |      |
|                           | Gulna ...                    | 2.26   |   |  |      |
|                           | Cutwa ...                    | 1.20   |   |  |      |
|                           | Rauregunge ...               | 0.90   |   |  |      |
|                           | 2 Bankura .. 9, '88          | 2.72   |   |  |      |
|                           | 3 Birbhum .. 9, '88          | 1.20   |   | Weather—seasonable. Cotton-pods are opening. <i>Khasta til</i> is being reaped. Sugarcane and indigo are coming on well. Sowing of <i>dham</i> is proceeding. Prices continue unaltered.                                   |      |
|                           |                              | Kamarpur Haut ...  |   |  | 2.19 |
|                           | 4 Midnapur .. 9, '88         | 1.15   |   | Weather—hot and cloudy with occasional rain. <i>Til</i> is being reaped. Sugarcane planting almost completed. Ploughing going on.  |      |
|                           | 5 Hugli .. 9, '88            | 8.97   |   | Weather—sultry in the day with storms towards evening and more or less rain. Sowing going on everywhere. Rain wanted in Contai for sowing.   |      |
|                           |                              | Serampur ...   |   |  | 2.98 |
| Johannabad ...            |                              | 2.08   |   |  |      |
| Kowrah = 11, '88          |                              | 1.58   |   |  |      |
| Ooloberia ...             | 0.97                         | Weather—very warm. State and prospects of crops good.  |   |  |      |
| Central Districts.        |                              |  |   |  |      |
| RESIDENCY DIV.            | 6 24 Parghs. June 12, '88    | 2.21   | Weather—close and sultry; wind variable. Prospects of jute, <i>aus</i> and sugarcane satisfactory. Sowing continues.  |  |      |
|                           | 7 Nadia .. 9, '88            | 3.13   |   | Weather—very sultry and stormy; wind changeable. Crops in the ground reported good. Rain has done much good; still wanted in the north of district. <i>Boro</i> rice is being reaped. Manufacture of indigo has commenced. |      |
|                           |                              | Koochta ...  |   |  | 0.52 |
|                           | Meherpur ...                 | 2.62   |   |  |      |
|                           | Choudanga ...                | 1.55   |   |  |      |
|                           | Ranaghat ...                 | 3.08   |   |  |      |
|                           | 8 Khoolna .. 9, '88          | 1.57   |   | Weather—hot; one or two thunder-showers. Cultivation of <i>amra</i> in progress. <i>Aus</i> sown looks well. <i>Til</i> promising.   |      |
|                           | 9 Jessore = 9, '88           | 3.45   |   | Weather—very hot in spite of several showers. Prospects of the standing crops have been bettered by the rain of the week. Harvesting of <i>boro</i> rice nearly completed. Cutting of <i>til</i> commenced.                |      |
|                           |                              | Jhanikh ...  |   |  | 2.04 |
|                           | Magora ..                    | 1.62   |   |  |      |
| Narail ...                | 0.74                         |  |   |  |      |
| Dongong ...               | 1.45                         |  |   |  |      |
| 10 Moorshedabad .. 9, '88 | 1.54                         | Weather—hot; evenings cloudy. Sowing of <i>amra dham</i> progressing. Young <i>aus</i> plants are thriving.  |   |  |      |
|                           | Lalbagh ...                  |  | 1.72  |  |      |
|                           | Kandi ...                    |  | 3.27  |  |      |
| RAJSHAHY DIV.             | 11 Dinagpur June 9, '88      | 1.85   | Weather—sultry. <i>Kowari</i> is almost ripe. Sowings of rice in progress. Prospects good.  |  |      |
|                           | Thakurgaon ..                | 2.61   |   |  |      |
|                           | 12 Rajshahi .. 9, '88        | 0.09   |   | Weather—hot and cloudy. Sowing of <i>aus</i> and <i>amra</i> completed. Condition of <i>til</i> , jute, and sugarcane good.  |      |
|                           |                              | Nettore ...  |   |  | 0.46 |
|                           | Nowgong ..                   | 0.77   |   |  |      |
|                           | 13 Rangpur .. 9, '88         | 3.13   |   | Weather—hot. <i>Amra</i> is being transplanted. Prospects of crops continue good.  |      |
|                           |                              | Nilphamari ...   |   |  | 1.87 |
|                           | Kurigram ...                 | 1.01   |   |  |      |
|                           | Gaibandha ...                | 1.46   |   |  |      |
|                           | 14 Bogra .. 9, '88           | 1.44   |   | Weather—seasonable. State and prospects of crops good.   |      |
| Sherpur ...               | 0.63                         |  |   |  |      |
| 15 Pabna .. 9, '88        | 2.82                         | Weather—cloudy and latterly rainy. Prospects of crops good. <i>Boro dham</i> is still being reaped.  |   |  |      |
| 16 Serajungoo .. 9, '88   | 2.03                         | Weather—cloudy with a good deal of rain. Transplantation of rice going on. Prospects of other crops good.  |   |  |      |
| 17 Darjeeling .. 9, '88   | 1.33                         | Weather—hot and cloudy with occasional rain. Jute and sugarcane said to be good. <i>Bhaderi</i> paddy and Indian-corn doing well. Common rice sells at 20 seers per rupee. |   |  |      |
| Eastern Districts.        |                              |  |   |  |      |
| SACCA DIVISION.           | 18 Dacca June 9, '88         | Rainfall return not yet received.  | Weather—hot. Jute and <i>amra</i> paddy thriving. <i>Aus</i> paddy and <i>til</i> are being harvested in low lands. On the whole prospects of crops good.                               |  |      |
|                           | Masickgunge ...              | 0.55   |   | Weather—hot and showery. State of all crops good.  |      |
|                           |                              | Munshigunge ...  |   |  | 0.81 |
|                           |                              | Naraingunge ...  |   |  | 2.87 |
|                           | 19 Furreedpur .. 9, '88      | 1.98   |   | Weather—hot. Prospects of crops good.  |      |
|                           |                              | Goalundo ...   |   |  | 1.55 |
|                           | Madaripur ...                | 2.35   |   | Weather—hot. Prospects of crops good.  |      |
|                           | 20 Backergunge .. 8, '88     | 0.91   |   | Weather—hot. Prospects of crops good.  |      |
|                           | 21 Myrsonkigh .. 8, '88      | 1.27   |   |  |      |
|                           | Jamalpur ...                 | 2.21   |   |  |      |
| Kishoregunge ...          | 4.91                         |  |   |  |      |
| Attia ...                 | 1.07                         |  |   |  |      |
| Netrokona ...             | 1.26                         |  |   |  |      |



## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

| Number.            | DISTRICTS.    | QUANTITIES PER RUPEE IN |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
|--------------------|---------------|-------------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|-----------------------------------|------------------------|------------------------------------|
|                    |               | WHEAT.                  |                        |                                    | BARLEY.         |                        |                                    | RICE, BEST SORT. |                        |                                    | RICE, COMMON.   |                        |                                    | JOWAR OR CHOLU (Sorghum Vulgare.) |                        |                                    |
|                    |               | Present return.         | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.                   | Next preceding return. | Corresponding return of last year. |
| BENGAL.            |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| Western Districts. |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| 1                  | Hurdwan       | 16 0                    | 14 8                   | 14 0                               | No sale.        | 40 0                   | 16 0                               | 18 0             | 19 8                   | 23 4                               | 23 8            | 24 0                   | ...                                | ...                               | ...                    | ...                                |
| 2                  | Bankoora      | 15 0                    | 10 0                   | 15 12                              | 20 0            | 20 0                   | 20 0                               | 19 0             | 19 0                   | 19 0                               | 20 4            | 31 3                   | 24 12                              | ...                               | ...                    | ...                                |
| 3                  | Deorbhoom     | 15 12                   | 16 0                   | 16 12                              | ...             | ...                    | ...                                | 16 8             | 19 8                   | 16 8                               | 21 12           | 21 12                  | 24 8                               | ...                               | ...                    | ...                                |
| 4                  | Midnapore     | 16 0                    | 17 0                   | 17 8                               | 40 0            | 40 0                   | ...                                | 18 8             | 19 8                   | 20 0                               | 25 0            | 30 0                   | 26 0                               | ...                               | ...                    | ...                                |
| 5                  | Hooghly       | 14 0                    | 14 0                   | 15 0                               | ...             | ...                    | ...                                | 10 0             | 10 0                   | 10 0                               | 18 0            | 18 0                   | 18 0                               | ...                               | ...                    | ...                                |
|                    | Howrah        | Not available.          | ...                    | ...                                | ...             | ...                    | ...                                | 14 0             | 14 4                   | 18 4                               | 18 12           | 19 0                   | 21 0                               | ...                               | ...                    | ...                                |
| Central Districts. |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
|                    | Calcutta      | 13 10                   | 14 4                   | 16 0                               | 23 0            | 24 6                   | 20 15                              | 11 13            | 11 11                  | 8 0                                | 17 4            | 18 7                   | 19 2                               | 19 12                             | 18 8                   | 21 8                               |
| 6                  | 24-Pergunnahs | 16 0                    | 16 0                   | 14 0                               | 22 8            | 22 0                   | 26 8                               | 8 8              | 8 8                    | 8 0                                | 19 0            | 18 8                   | 16 4                               | ...                               | ...                    | ...                                |
| 7                  | Nudda         | 18 8                    | 16 8                   | 16 0                               | 26 10           | 26 10                  | 22 0                               | 14 8             | 14 8                   | 16 8                               | 17 6            | 18 6                   | 20 8                               | ...                               | ...                    | ...                                |
| 8                  | Rhoolna       | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 19 0             | 20 0                   | 18 0                               | 21 0            | 21 0                   | 23 0                               | ...                               | ...                    | ...                                |
| 9                  | Jessore       | 16 0                    | 16 0                   | 16 0                               | ...             | ...                    | ...                                | 16 0             | 16 0                   | 17 0                               | 22 0            | 22 0                   | 13 8                               | ...                               | ...                    | ...                                |
| 10                 | Moorshedabad  | 16 0                    | 16 0                   | 16 0                               | ...             | ...                    | ...                                | 16 0             | 17 8                   | 18 0                               | 20 0            | 29 0                   | 21 0                               | ...                               | ...                    | ...                                |
| 11                 | Dinapore      | 18 0                    | 16 0                   | 18 12                              | ...             | ...                    | 22 0                               | 21 0             | 20 0                   | 20 0                               | 23 4            | 22 5                   | 23 0                               | ...                               | ...                    | ...                                |
| 12                 | Rajahmlye     | 19 0                    | 19 8                   | 18 0                               | 45 0            | 45 0                   | 45 0                               | 18 0             | 18 0                   | 18 0                               | 21 0            | 21 0                   | 19 8                               | ...                               | ...                    | ...                                |
| 13                 | Rangpore      | 17 8                    | 17 8                   | 20 8                               | ...             | ...                    | ...                                | 13 4             | 13 4                   | 22 8                               | 20 0            | 20 8                   | 21 10                              | ...                               | ...                    | ...                                |
| 14                 | Bogra         | 15 0                    | 17 4                   | 16 8                               | ...             | ...                    | ...                                | 16 12            | 16 12                  | 13 8                               | 26 4            | 26 4                   | 24 0                               | ...                               | ...                    | ...                                |
| 15                 | Pabna         | 18 12                   | 19 8                   | 20 0                               | ...             | ...                    | ...                                | 8 4              | 8 4                    | 8 0                                | 22 6            | 22 8                   | 21 0                               | ...                               | ...                    | ...                                |
| 16                 | Darjeeling    | 10 0                    | 10 0                   | 9 0                                | 10 0            | 11 0                   | 10 0                               | 6 0              | 6 0                    | 6 0                                | 14 0            | 14 0                   | 14 0                               | ...                               | ...                    | ...                                |
| 17                 | Julpigoree    | 13 0                    | 13 0                   | 11 0                               | 20 0            | 20 8                   | 20 0                               | 18 0             | 13 0                   | 13 0                               | 20 0            | 21 8                   | 22 8                               | ...                               | ...                    | ...                                |
| Eastern Districts. |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| 18                 | Dacca         | 19 0                    | 19 0                   | 14 0                               | 28 0            | 28 8                   | 22 0                               | 18 0             | 18 0                   | 17 8                               | 21 0            | 21 0                   | 19 0                               | ...                               | ...                    | ...                                |
| 19                 | Furzedpore    | 21 8                    | 24 0                   | 26 0                               | 40 0            | 40 0                   | 22 0                               | 16 0             | 16 0                   | 19 0                               | 24 0            | 23 0                   | 20 0                               | ...                               | ...                    | ...                                |
| 20                 | Backergunge   | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 15 8             | 15 8                   | 17 0                               | 20 0            | 21 0                   | 21 8                               | ...                               | ...                    | ...                                |
| 21                 | Nymonmogh     | 11 0                    | 14 0                   | 11 0                               | ...             | ...                    | ...                                | 14 0             | 18 0                   | 11 0                               | 20 0            | 19 0                   | 16 4                               | ...                               | ...                    | ...                                |

A In Oair, Cutwa, and Kasegunge sub-divisions retail prices of salt 10½ seers per rupee.

B At Ishanpore retail price of salt 11 seers per rupee.

C At Ilanpore retail price of salt 11½ seers per rupee.

D In sub-divisions retail prices of salt per rupee were:—Tumlook 8 seers, Ghatal 11 seers, and Contai 9 seers.

E In sub-divisions retail prices of salt per rupee were:—Baranpore 9 seers and Jahanabad 10½ seers.

F In sub-divisions retail prices of salt per rupee were:—Baranpore, Baranhat, and Diamond Harbour (all 10½ seers), Barrackpore 8½ seers, and Dum-Dum 10 seers.

G In sub-divisions retail prices of salt per rupee were:—Koochtee and Ranaghat 10 seers, and Maherpore and Choudanga 10½ seers.

H In sub-divisions retail prices of salt per rupee were:—Sathia 9 seers 2½ chittacks, and Bagmati 8 seers.



BEERS ON 80 TONS.

[illegible]

| KANGI OR KAKUN<br>ITALIAN MILLET.<br>( <i>Setaria italica</i> .) |                             |   | GRAM, CHANA,<br>CHHOLA, KADALAI<br>OR SUNAGA.<br>( <i>Cicer arietinum</i> .) |                             |   |
|--|-----------------------------|---|--|-----------------------------|---|
| Present return.  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present returns  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

| S. | Ch. | S. | Ch. | S. | Ch. | S. | Ch. | S. | Ch. | S. | Ch. |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
|    |     |    |     | 23 | 0   | 23 | 0   | 25 | 0   |    |     |
|    |     |    |     | 20 | 0   | 19 | 0   | 19 | 0   |    |     |
|    |     |    |     | 22 | 8   | 25 | 0   | 26 | 0   |    |     |
|    |     |    |     | 18 | 0   | 17 | 0   | 21 | 0   |    |     |
|    |     |    |     | 19 | 0   | 19 | 0   | 20 | 0   |    |     |
|    |     |    |     | 20 | 0   | 21 | 8   | 25 | 0   |    |     |

|    |    |    |   |    |   |    |    |    |    |    |  |
|----|----|----|---|----|---|----|----|----|----|----|--|
| 15 | 14 | 3  | 4 | 16 | 4 | 20 | 15 | 22 | 0  | 19 |  |
| 13 | 0  | 13 | 0 | 20 | 0 | 22 | 8  | 22 | 8  | 22 |  |
|    |    |    |   |    |   | 26 | 10 | 26 | 10 | 29 |  |
|    |    |    |   |    |   | 20 | 0  | 18 | 0  | 16 |  |
|    |    |    |   |    |   | 26 | 8  | 26 | 4  | 26 |  |
|    |    |    |   |    |   | 24 | 12 | 27 | 0  | 30 |  |
|    |    |    |   |    |   | 16 | 4  | 16 | 4  | 18 |  |
|    |    |    |   |    |   | 26 | 4  | 24 | 0  | 22 |  |
|    |    |    |   |    |   | 16 | 0  | 20 | 0  | 20 |  |
|    |    |    |   |    |   | 16 | 8  | 17 | 4  | 1  |  |
|    |    |    |   |    |   | 26 | 4  | 30 | 0  | 3  |  |
|    |    |    |   |    |   | 10 | 0  | 10 | 0  | 1  |  |
|    |    |    |   |    |   | 20 | 0  | 20 | 0  | 1  |  |

|  |  |  |  |  |  |    |    |    |   |  |  |
|--|--|--|--|--|--|----|----|----|---|--|--|
|  |  |  |  |  |  | 17 | 8  | 17 | 8 |  |  |
|  |  |  |  |  |  | 18 | 0  | 16 | 0 |  |  |
|  |  |  |  |  |  | 22 | 10 | 22 | 0 |  |  |
|  |  |  |  |  |  | 20 | 0  | 16 | 0 |  |  |

*Head-quarter Station Bazaars of the Districts of Bengal on the 31st May 1888.*

|  |                              |                                       |  |                              |                                       |                 |                              |                                       |                 |                              |                                       |                 |                              |                                       | WHOLESALE PRICES<br>PER MAUND OF 40<br>SEERS. |  |  |  |  |  | DISTRICTS.         |
|--|------------------------------|---------------------------------------|--|------------------------------|---------------------------------------|-----------------|------------------------------|---------------------------------------|-----------------|------------------------------|---------------------------------------|-----------------|------------------------------|---------------------------------------|---|--|--|--|--|--|--------------------|
| INDIAN-CORN OR<br>MAIZE<br>(Zea Mays.) |                              |                                       | ARABIC OR TURK<br>CANDIAN PEA.<br>(Cajanus indicus.) |                              |                                       | FIREWOOD.       |                              |                                       | SALT.           |                              |                                       | SALT.           |                              |                                       |   |  |  |  |  |  |                    |
| Present return.                        | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return.                                      | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return. | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return. | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return. | Next<br>preceding<br>return. | Corresponding return<br>of last year. |   |  |  |  |  |  |                    |
|  |                              |                                       |  |                              |                                       |                 |                              |                                       |                 |                              |                                       |                 |                              |                                       | BENGAL.                                       |  |  |  |  |  | Western Districts. |
| No. Ch.                                | E. Ch.                       | S. Ch.                                | No. Ch.  | E. Ch.                       | S. Ch.                                | No. Ch.         | E. Ch.                       | S. Ch.                                | No. Ch.         | E. Ch.                       | S. Ch.                                | No. Ch.         | E. Ch.                       | S. Ch.                                | Rs. A. P.                                     |  |  |  |  |  |                    |
| No sale.                               |                              |                                       | 23 0   | 23 0                         | 25 8                                  | 120 0           | 120 0                        | 120 0                                 | A 7 1           | 10 7                         | 13 5                                  | 3 10 0          | 3 10 0                       | 2 14 0                                | Burdwan.                                      |  |  |  |  |  |                    |
| 27 0                                   | 8                            | 36 0                                  | 21 8   | 20 8                         | 21 0                                  | 320 0           | 320 0                        | 280 0                                 | R 4             | 10 8                         | 12 8                                  | 3 13 6          | 3 11 0                       | 3 2 0                                 | Dankoura.                                     |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 15 4   | 10 8                         | 15 8                                  | 160 0           | 160 0                        | 160 0                                 | C 0             | 10 0                         | 19 12                                 | 3 10 0          | 3 10 0                       | 3 0 0                                 | Deerghoom.                                    |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 14 8   | 15 0                         | 13 8                                  | 120 0           | 120 0                        | 155 0                                 | D 6             | 10 0                         | 12 8                                  | 3 14 0          | 4 2 0                        | 3 6 0                                 | Midnapore.                                    |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 13 8   | 13 0                         | 13 0                                  | 120 0           | 120 0                        | 120 0                                 | E 0             | 10 0                         | 13 8                                  | 4 0 0           | 4 0 0                        | 2 14 0                                | Hoochly.                                      |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 14 0   | 14 4                         | 13 8                                  | 100 0           | 100 0                        | 100 0                                 | F 0             | 10 0                         | 12 0                                  | 3 12 0          | 3 12 0                       | 3 0 0                                 | Howrah.                                       |  |  |  |  |  |                    |
|  |                              |                                       |  |                              |                                       |                 |                              |                                       |                 |                              |                                       |                 |                              |                                       | Central Districts.                            |  |  |  |  |  |                    |
| 20 0                                   | 17 18                        | 18 0                                  | 17 14  | 15 4                         | 18 0                                  | 90 0            | 95 0                         | 80 0                                  | G 8             | 10 10                        | 13 0                                  | 3 8 7           | 3 7 10                       | 3 0 0                                 | Calcutta.                                     |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 22 8   | 19 0                         | 20 0                                  | 110 0           | 110 0                        | 100 0                                 | F 8             | 10 8                         | 13 0                                  | 3 8 0           | 3 8 6                        | 2 15 0                                | 24-Pergunnahs.                                |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 20 0   | 20 8                         | 20 0                                  | ...             | ...                          | ...                                   | G 2             | 11 10                        | 13 0                                  | 4 0 0           | 4 0 0                        | 3 0 0                                 | Nuddoa.                                       |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | ...  | ...                          | ...                                   | 120 0           | 160 0                        | 160 0                                 | H 0             | 8 0                          | 10 8                                  | 4 8 0           | 4 8 0                        | 3 12 0                                | Khowlna.                                      |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 21 0   | 21 0                         | 24 8                                  | 100 0           | 100 0                        | 120 0                                 | I 0             | 8 0                          | 10 12                                 | 3 14 0          | 4 4 0                        | 3 2 0                                 | Jessore.                                      |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 23 0   | 23 0                         | 21 0                                  | 200 0           | 200 0                        | 210 0                                 | J 8             | 11 12                        | 12 0                                  | 3 8 0           | 3 6 0                        | 3 5 0                                 | Meorshedabad.                                 |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 10 8   | 10 8                         | 9 4                                   | 160 0           | 160 0                        | 160 0                                 | K 8             | 9 8                          | 12 4                                  | 4 0 0           | 4 0 0                        | 3 2 0                                 | Dinagopore.                                   |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 4 17 0   | 16 8                         | 240 0                                 | 240 0           | 240 0                        | ...                                   | L 0             | 9 12                         | 10 8                                  | 4 0 0           | 3 12 4                       | 3 5 3                                 | Rajahmundry.                                  |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 10 0   | 11 8                         | 8 10                                  | 120 0           | 120 0                        | 120 0                                 | M 12            | 9 12                         | 10 6                                  | 3 7 0           | 3 10 3                       | 3 8 0                                 | Rangpoor.                                     |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | ...  | ...                          | ...                                   | 90 0            | 90 0                         | 90 0                                  | N 10            | 7 11                         | 10 8                                  | 3 0 0           | 4 5 4                        | 3 8 0                                 | Bagra.  |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 28 4   | 25 0                         | 22 8                                  | 200 0           | 200 0                        | 200 0                                 | O 0             | 9 12                         | 13 0                                  | ...             | 4 1 6                        | 3 6 0                                 | Pabna.  |  |  |  |  |  |                    |
| 30 0                                   | 30 0                         | 28 0                                  | 8 9  | 8 0                          | 8 0                                   | 120 0           | 120 0                        | 120 0                                 | P 0             | 8 0                          | 9 0                                   | ...             | ...                          | 4 6 8                                 | Darjeeling.                                   |  |  |  |  |  |                    |
| 20 0                                   | 20 0                         | 20 0                                  | 18 0   | 19 0                         | 12 0                                  | 155 0           | 128 0                        | 128 0                                 | Q 0             | 8 0                          | 11 0                                  | ...             | ...                          | 3 5 0                                 | Jalpigeroe.                                   |  |  |  |  |  |                    |
|  |                              |                                       |  |                              |                                       |                 |                              |                                       |                 |                              |                                       |                 |                              |                                       | Eastern Districts.                            |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 17 0   | 17 0                         | 18 0                                  | 120 0           | 120 0                        | 120 0                                 | R 8             | 8 8                          | 12 0                                  | 4 4 0           | 4 4 0                        | 3 3 8                                 | Dacca.  |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | ...  | ...                          | 20 0                                  | 120 0           | 120 0                        | 120 0                                 | S 0             | 9 0                          | 12 0                                  | 4 5 0           | 4 5 0                        | 3 1 0                                 | Farrakapore.                                  |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 11 0   | 11 8                         | 15 0                                  | 120 0           | 120 0                        | 120 0                                 | T 10            | 9 13                         | 13 0                                  | 3 12 0          | 3 10 0                       | 3 0 0                                 | Backergunge.                                  |  |  |  |  |  |                    |
| ...                                    | ...                          | ...                                   | 11 8   | 12 8                         | 10 0                                  | ...             | ...                          | ...                                   | U 8             | 9 0                          | 12 0                                  | 4 8 0           | 4 8 0                        | 3 5 0                                 | Mymensingh.                                   |  |  |  |  |  |                    |

1. Kandi sub-division retail price of salt 11 seers per rupee.  
 2. At Bhadravara retail price of salt 8 seers per rupee.  
 3. In salt-division retail prices of salt per rupee were:—Natore 2½ seers and Nowgong 3½ seers.  
 4. In sub-division retail prices of salt per rupee were:—Kurigram 3 seers, Nilphamari 10 seers, and Gaibanda 7½ seers.  
 5. At Beraganga retail price of salt 10 seers per rupee.  
 6. At Walabutta in Alipore sub-division retail price of salt 8 seers per rupee.  
 7. In sub-division retail prices of salt per rupee were:—Manickganj 8 seers, Munshiganj 6½ seers, and Narasingganj 7½ seers.  
 8. In sub-division retail prices of salt per rupee were:—Fatuakhali 8 seers, Porenpore 9 seers, and Bhole 10½ seers.  
 9. In sub-division retail price of salt per rupee were:—Kishoreganj, Jamalpur, and Sherpur 8 seers, Atith 12 seers, and

## PRICES CURRENT (retail) of Food-grains, Firewood and Salt in the Head-quarter

| Number.                      | DISTRICTS.              | QUANTITIES PER RUPEE IN |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |   |                        |                                    |
|------------------------------|-------------------------|-------------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|---|------------------------|------------------------------------|
|                              |                         | WHEAT.                  |                        |                                    | BARLEY.         |                        |                                    | RICE, BEST SORT. |                        |                                    | RICE, COMMON.   |                        |                                    | JOWAR OR CHOLEUM.<br>(Sorghum Vulgare.) |                        |                                    |
|                              |                         | Present return.         | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.                         | Next preceding return. | Corresponding return of last year. |
| Eastern Districts—concluded. |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |   |                        |                                    |
| 22                           | Chittagong ...          | 11 8                    | 11 0                   | 16 0                               | ...             | ...                    | ...                                | 13 0             | 13 0                   | 11 8                               | 12 12           | 16 8                   | 15 14                              | ...                                     | ...                    | ...                                |
| 23                           | Noakhally ...           | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 19 0             | 19 0                   | 19 0                               | 21 0            | 20 0                   | 21 8                               | ...                                     | ...                    | ...                                |
| 24                           | Tipperah ...            | 12 11                   | 12 8                   | 13 1                               | ...             | ...                    | ...                                | 17 8             | 17 8                   | 16 11                              | 23 0            | 22 0                   | 18 12                              | ...                                     | ...                    | ...                                |
| 25                           | Chittagong Hill Tracts. | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 13 5             | 14 8                   | 11 7                               | 15 4            | 16 0                   | 12 5                               | ...                                     | ...                    | ...                                |
|                              | Hill Tipperah...        | 8 0                     | 8 0                    | 12 0                               | ...             | ...                    | ...                                | 10 0             | 10 0                   | 12 0                               | 22 0            | 22 0                   | 16 0                               | ...                                     | ...                    | ...                                |
| BEHAR.                       |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |   |                        |                                    |
| 26                           | Patna ...               | 19 0                    | 18 0                   | 19 0                               | 28 0            | 28 0                   | 32 0                               | 11 8             | 11 0                   | 11 8                               | 20 0            | 20 8                   | 21 0                               | 18 0                                    | 18 0                   | 26 0                               |
| 27                           | Gya ...                 | 17 0                    | 17 0                   | 17 8                               | 26 0            | 25 0                   | 35 0                               | 10 0             | 10 0                   | 11 0                               | 16 0            | 16 0                   | 16 0                               | ...                                     | ...                    | ...                                |
| 28                           | Shahabad ...            | 17 0                    | 16 8                   | 16 8                               | 25 8            | 25 0                   | 28 0                               | 9 0              | 8 12                   | 8 0                                | 13 0            | 17 0                   | 16 0                               | ...                                     | ...                    | ...                                |
| 29                           | Darbhanga ...           | 11 8                    | 17 0                   | 18 11                              | 31 0            | 40 0                   | 33 0                               | 13 8             | 12 0                   | 19 0                               | 20 0            | 19 0                   | 20 14                              | ...                                     | ...                    | ...                                |
| 30                           | Muzaffarpore ...        | 18 0                    | 16 6                   | 20 0                               | 26 0            | 26 8                   | 30 0                               | 13 0             | 12 0                   | 12 0                               | 18 0            | 18 0                   | 22 0                               | ...                                     | ...                    | ...                                |
| 31                           | Sarun ...               | 17 2                    | 17 2                   | 16 8                               | 25 8            | 26 0                   | 29 0                               | 9 8              | 9 4                    | 8 0                                | 19 12           | 20 8                   | 21 0                               | ...                                     | ...                    | ...                                |
| 32                           | Champaran ...           | 17 0                    | 16 0                   | 21 0                               | 30 0            | 31 0                   | 35 0                               | 9 8              | 7 8                    | 7 8                                | 16 8            | 16 8                   | 18 0                               | ...                                     | ...                    | ...                                |
| 33                           | Monghyr ...             | 18 2                    | 19 0                   | 18 14                              | 33 0            | 29 7                   | 37 5                               | 13 14            | 13 14                  | 14 0                               | 16 12           | 16 12                  | 17 14                              | ...                                     | ...                    | 27 0                               |
| 34                           | Bhagulpore ...          | 18 4                    | 18 16                  | 18 11                              | 26 8            | 27 8                   | 37 14                              | 15 2             | 16 18                  | 17 10                              | 17 10           | 18 4                   | 20 8                               | ...                                     | ...                    | ...                                |
| 35                           | Furneah ...             | 18 0                    | 20 0                   | 20 8                               | ...             | ...                    | ...                                | 19 0             | 19 0                   | 20 0                               | 21 0            | 22 0                   | 22 0                               | ...                                     | ...                    | ...                                |
| 36                           | Maldah ...              | 18 0                    | 18 0                   | 18 0                               | ...             | ...                    | ...                                | 14 0             | 14 0                   | 14 0                               | 21 0            | 21 0                   | 21 0                               | ...                                     | ...                    | ...                                |
| 37                           | Sonthal Pergba.         | 18 0                    | 18 0                   | 14 8                               | ...             | ...                    | ...                                | 16 0             | 16 0                   | 18 0                               | 20 0            | 20 0                   | 20 0                               | ...                                     | ...                    | ...                                |
| ORISSA.                      |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |   |                        |                                    |
| 38                           | Cuttack ...             | 10 8                    | 16 12                  | 14 7                               | ...             | ...                    | ...                                | 11 13            | 11 13                  | 13 8                               | 18 6            | 18 6                   | 18 8                               | ...                                     | ...                    | ...                                |
| 39                           | Pooree ...              | 14 7                    | 13 8                   | 10 8                               | ...             | ...                    | ...                                | 18 8             | 17 1                   | 14 7                               | 21 0            | 22 5                   | 22 5                               | ...                                     | ...                    | ...                                |
| 40                           | Balāsore ...            | 16 0                    | 16 0                   | 16 0                               | 18 0            | 18 0                   | 18 0                               | 14 0             | 14 0                   | 14 0                               | 27 0            | 28 0                   | 27 0                               | ...                                     | ...                    | ...                                |
| CHOTA NAGPORE.               |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |   |                        |                                    |
| South-West Frontier Agency   |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |   |                        |                                    |
| 41                           | Hazaribagh ...          | 15 0                    | 15 0                   | 19 0                               | 19 0            | 20 0                   | 21 0                               | 8 0              | 8 0                    | 9 8                                | 15 0            | 15 0                   | 19 0                               | Not procurable.                         | ...                    | ...                                |
| 42                           | Lohardugga ...          | 13 0                    | 14 0                   | 24 8                               | Not available   | 30 0                   | 16 0                               | 16 0             | 18 0                   | 18 0                               | 18 0            | 22 8                   | ...                                | ...                                     | ...                    | ...                                |
| 43                           | Singbhoi ...            | 14 0                    | 14 0                   | 20 0                               | 16 0            | 16 0                   | 22 0                               | 16 0             | 16 0                   | 20 0                               | 20 0            | 20 0                   | 24 0                               | ...                                     | ...                    | ...                                |
| 44                           | Manbhoom ...            | 13 0                    | 13 0                   | 18 0                               | 24 0            | 20 0                   | 4 0                                | 14 0             | 14 0                   | 18 0                               | 21 0            | 22 0                   | 28 0                               | ...                                     | ...                    | ...                                |

S At Cox's Bazar retail price of salt 8 seers per rupee.

T At Panchgania in Fenny sub-division retail price of salt 8 seers per rupee.

U In sub-division retail prices of salt per rupee were:—Buxar 10 seers and Banarum 9½ seers.

V In Madhyani and Tappore sub-divisions retail prices of salt 10 seers per rupee.

W In sub-divisions retail prices of salt per rupee were:—Raipore 8½ seers and Nizamabad 10 seers.

X At Bettiah retail price of salt 8 seers per rupee.

SEEDS OF 80 TOLAHS.

| BAJRA OR CUMBU.<br>( <i>Pennisetum typho-</i><br><i>loides</i> .) |                             |   | MARUA OR RAGI.<br>( <i>Echinochloa crusgalli</i> .) |                             |   |
|---|-----------------------------|---|---|-----------------------------|---|
| Present return.   | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present return.                                     | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

[illegible]

| KUNYU OR KAKUN,<br>ITALIAN MILLER,<br>( <i>Sitona italica</i> .) |                             |   | GRAN, OREDA,<br>ORHODA, KAKUN,<br>OR SUNGA,<br>( <i>Cler artemesia</i> .) |                             |   |
|--|-----------------------------|---|---|-----------------------------|---|
| Present return.  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present return.   | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

| S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ... | ... | ... | ... | 16  | 0   | 15  | 0   | 11  | 0   | ... | ... |
| ... | ... | ... | ... | 11  | 0   | 11  | 0   | 13  | 0   | ... | ... |
| ... | ... | ... | ... | 14  | 4   | 14  | 4   | 14  | 0   | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | 13  | 0   | 13  | 0   | 12  | 0   | ... | ... |

|     |     |     |     |    |    |    |    |    |    |     |     |
|-----|-----|-----|-----|----|----|----|----|----|----|-----|-----|
| 22  | 0   | 21  | 0   | 24 | 0  | 29 | 0  | 29 | 0  | 32  | 4   |
| 19  | 0   | 19  | 0   | 16 | 0  | 25 | 0  | 28 | 0  | 26  | 0   |
| ... | ... | ... | ... | 26 | 6  | 23 | 8  | 28 | 0  | ... | ... |
| ... | ... | ... | ... | 23 | 4  | 26 | 0  | 27 | 8  | ... | ... |
| ... | ... | ... | ... | 25 | 0  | 28 | 0  | 28 | 0  | ... | ... |
| 15  | 8   | 16  | 8   | 14 | 0  | 22 | 4  | 23 | 2  | 26  | 0   |
| ... | ... | ... | ... | 21 | 8  | 21 | 0  | 23 | 0  | ... | ... |
| ... | 26  | 4   | 27  | 12 | 29 | 7  | 31 | 8  | 30 | 8   | ... |
| ... | ... | ... | ... | 27 | 12 | 27 | 12 | 27 | 12 | ... | ... |
| 16  | 0   | 17  | 0   | 16 | 0  | 30 | 0  | 30 | 0  | 20  | 4   |
| ... | ... | ... | ... | 28 | 0  | 28 | 0  | 27 | 0  | ... | ... |
| ... | ... | ... | ... | 29 | 0  | 21 | 0  | 32 | 0  | ... | ... |

|     |     |     |     |    |    |    |    |    |   |     |     |
|-----|-----|-----|-----|----|----|----|----|----|---|-----|-----|
| ... | ... | ... | ... | 19 | 11 | 19 | 11 | 17 | 1 | ... | ... |
| ... | ... | ... | ... | 18 | 6  | 17 | 1  | 18 | 2 | ... | ... |
| ... | ... | ... | ... | 16 | 0  | 16 | 0  | 16 | 0 | ... | ... |

|                |     |     |     |    |   |    |   |    |   |     |     |
|----------------|-----|-----|-----|----|---|----|---|----|---|-----|-----|
| Not procurable |     |     |     | 19 | 0 | 17 | 0 | 21 | 0 | ... | ... |
| ...            | ... | ... | ... | 13 | 0 | 14 | 0 | 20 | 0 | ... | ... |
| ...            | ... | ... | ... | 14 | 0 | 15 | 0 | 16 | 0 | ... | ... |
| ...            | ... | ... | ... | 17 | 0 | 17 | 0 | 20 | 0 | ... | ... |

*Station Bazaars of the Districts of Bengal on the 31st May 1888—(concluded).*

[illegible]

1. In the Division retail price of salt per rupee was:—Bhuvnagar 8½ seers at 1 anna 9 paise.  
 2. In the Division retail price of salt per rupee was:—Kishanganj 1 seers and Aizawl (at Lunglei) 8½ seers.  
 3. In the Division retail price of salt ½ seers per rupee.  
 4. In the Division retail price of salt 1 seers per rupee.  
 5. In the Division retail price of salt 7½ seers per rupee.  
 6. In the Division retail price of salt 8 seers per rupee.

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

## PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

| Number. | MARKS.          | WHEAT.          |                        |                                    | BARLEY.         |                        |                                    | RICE, BEST SORT. |                        |                                    | RICE, COMMON.   |                        |                                    |
|---------|-----------------|-----------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|
|         |                 | Present return. | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. |
|         |                 | R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.         | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           |
| 1       | Calcutta ...    | 2 10 9          | 2 8 10                 | 2 0 0                              | 1 7 9           | 1 6 11                 | 1 0 0                              | 2 2              | 3 2                    | 2 0                                | 2 1 4           | 2 0 0                  | 1 12 0                             |
| 2       | Buraingunge ... | 1 14 0          | 1 14 2                 | ..                                 | ..              | ..                     | ..                                 | 2 8 0            | 2 8 0                  | 2 12 0                             | 1 15 0          | 1 14 0                 | 1 12 0                             |
| 3       | Dacca ...       | 2 0 2           | 2 0 0                  | 2 12 0                             | 1 0 0           | 1 0 0                  | 1 11 0                             | 2 2 0            | 2 2 0                  | 2 8 0                              | 1 14 0          | 1 14 0                 | 2 0 0                              |
| 4       | Naraingunge ... | ..              | ..                     | ..                                 | ..              | ..                     | ..                                 | 2 0 0            | 2 0 0                  | 2 4 2                              | 1 12 0          | 1 12 0                 | 2 2 0                              |
| 5       | Chittagong ...  | 2 6 0           | 2 8 0                  | 2 8 0                              | ..              | ..                     | ..                                 | 2 12 0           | 2 14 0                 | 2 4 0                              | 2 3 0           | 2 4 0                  | 2 8 3                              |
| 6       | Patna ...       | 2 2 0           | 2 0 0                  | 2 0 0                              | 1 8 0           | 1 7 0                  | 1 2 0                              | 2 0 0            | 2 2 0                  | 2 0 0                              | 1 15 0          | 1 15 0                 | 1 2 0                              |
| 7       | Bahar ...       | 2 8 0           | 2 8 0                  | 2 0 0                              | 2 0 0           | 2 0 0                  | 2 0 0                              | 2 12 0           | 2 12 0                 | 2 12 0                             | 1 7 0           | 1 6 0                  | 1 6 0                              |
| 8       | Booran ...      | ..              | ..                     | ..                                 | ..              | ..                     | ..                                 | ..               | ..                     | ..                                 | 1 14 0          | 1 11 2                 | 1 11 0                             |
| 9       | Cuttack ...     | 2 10 0          | 2 5 0                  | 2 10 0                             | ..              | ..                     | ..                                 | 2 4 0            | 2 4 0                  | 2 0 0                              | 2 2 0           | 2 2 0                  | 2 2 0                              |

CALCUTTA.

The 12th June 1885.



# PRICES PER MAUND

JOWAR OR CHOLU.  
(*Sorghum Vulgare.*)

BAJRA OR CUMBU.  
(*Pennisetum typho-*  
*dum.*)

| Present return. | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. |
|-----------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|
| R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           |
| 12 10           | 1 14 9                 | 1 10 0                             | 2 4 0           | 4 2 0                  | 0 0                                |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |
| 2 2 0           | 2 2 0                  | 1 6 0                              | ...             | ...                    | 1 6 0                              |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |
| ...             | ...                    | ...                                | ...             | ...                    | ...                                |

OF 40 SEERS

| MARUA OR RACI.<br>( <i>Eleusine Coropoda</i> .) |                        |                                       | KANGNI OR KARIN.<br>ITALIAN MILLET.<br>( <i>Setaria italica</i> .) |                        |                                       |
|---|------------------------|---------------------------------------|--|------------------------|---------------------------------------|
| Present return.                                 | Next preceding return. | Corresponding return<br>of last year. | Present return.  | Next preceding return. | Corresponding return<br>of last year. |
| R. A. P.  | R. A. P.               | R. A. P.                              | R. A. P.   | R. A. P.               | R. A. P.                              |
| ...   | ...                    | ..                                    | 2 4 7 2  | 12 0 3                 | 6 0                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | 1 6 0                                 | 1 12 0   | 18 0 1                 | 9 6                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ..                                    |
| ...   | ...                    | ...                                   | ...  | ...                    | ..                                    |
| ...   | ...                    | ...                                   | ...  | ...                    | ..                                    |

undermentioned *Marts* of Bengal on the 31st May 1888.

| RAN, CHANA, CHHOLA,<br>CADALAY OR BUNAGA,<br>( <i>Cicer Aridionum</i> .) |                        |                                    | INDIAN-CORN OR MAIZE,<br>( <i>Zea Mays</i> .) |                        |                                    | ARHAR OR THUR,<br>CAJMAN PEA,<br>( <i>Cajanus indicus</i> .) |                        |                                    | FINEWOOD.       |                        |                                    | SALT.           |                        |                                    | MARTS.       |
|--|------------------------|------------------------------------|---|------------------------|------------------------------------|--|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|--------------|
| Present return.  | Next preceding return. | Corresponding return of last year. | Present return.                               | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. |              |
| R. A. P.   | R. A. P.               | R. A. P.                           | R. A. P.                                      | R. A. P.               | R. A. P.                           | R. A. P.   | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           |              |
| 1 10 8   | 1 8 5                  | 1 9 0                              | 1 12 0  | 2 0 4                  | 1 11 0                             | 1 15 0   | 1 14 4                 | 2 0 0                              | 0 8 5           | 0 5 3                  | 0 8 9                              | 3 8 7           | 3 7 10                 | 3 0 1                              | Calcutta.    |
| 1 10 0   | 1 10 0                 | 1 13 0                             | ...   | ...                    | ...                                | ...  | ...                    | ...                                | ...             | ...                    | ...                                | 3 14 0          | 3 15 0                 | 3 0 0                              | Serajgunge.  |
| 1 1 0  | 2 1 0                  | 2 11 0                             | ...   | ...                    | ...                                | 2 0 0  | 2 0 0                  | 2 7 3                              | 0 6 0           | 0 5 0                  | 0 6 0                              | 4 4 0           | 4 4 0                  | 3 3 0                              | Dacca.       |
| 2 4 0  | 2 4 0                  | 2 8 0                              | ...   | ...                    | ...                                | 2 8 0  | 2 8 0                  | 3 2 0                              | 0 10 0          | 0 10 0                 | 0 8 0                              | 4 11 0          | 4 0 0                  | 3 2 0                              | Naraingunge. |
| 1 6 0  | 2 8 0                  | 3 4 0                              | ...   | ...                    | ...                                | 3 12 0   | 3 12 0                 | 4 0 0                              | 0 6 0           | 0 6 0                  | 0 10 0                             | 3 14 0          | 3 14 0                 | 2 0 0                              | Chittagong.  |
| 1 8 0  | 1 8 9                  | 1 8 6                              | 1 6 5   | 1 7 0                  | 1 8 0                              | 1 6 0  | 1 4 6                  | 1 5 0                              | 0 6 0           | 0 6 0                  | 0 6 0                              | 3 12 0          | 3 14 0                 | 3 1 0                              | Patna.       |
| 1 8 0  | 2 8 0                  | 2 8 0                              | ...   | ...                    | ...                                | 2 8 0  | 2 2 0                  | 2 4 0                              | 0 4 0           | 0 4 0                  | 0 6 0                              | 4 2 0           | 4 4 0                  | 3 6 0                              | Balnore.     |
| ...  | ...                    | ...                                | ...   | ...                    | ...                                | ...  | ...                    | ...                                | ...             | ...                    | ...                                | 3 8 0           | 3 8 0                  | 2 10 0                             | Pooros.      |
| (Kailai).  | ...                    | ...                                | ...   | ...                    | ...                                | 2 5 0  | 2 5 0                  | ...                                | 0 8 0           | 0 8 0                  | 0 8 0                              | 3 14 0          | 3 14 0                 | 3 12 0                             | Cuttack.     |

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

## Meteorological Report of the Province

| METEOROLOGICAL DIVISION. |   |               | STATION OBSERVATIONS.                              |  |                           |                             |                        |                 |               |                                 |                                 |                         |                                |                          |                             |             |                             |            |
|--------------------------|---|---------------|--|--|---------------------------|-----------------------------|------------------------|-----------------|---------------|---------------------------------|---------------------------------|-------------------------|--------------------------------|--------------------------|-----------------------------|-------------|-----------------------------|------------|
|                          |   |               | AIR PRESSURE.                                      |  |                           |                             |                        | TEMPERATURE.    |               |                                 |                                 |                         |                                | HUMIDITY.                |                             | WINDS.      |                             |            |
|                          |   |               | High-est, 10 A.M., barometer reduced to sea-level. | Lowest, 10 A.M., barometer reduced to sea-level. | Mean, 10 A.M., for month. | Mean, reduced to sea-level. | Variation from normal. | High-est month. | Lowest month. | Mean daily maximum temperature. | Mean daily minimum temperature. | Mean daily temperature. | Relative humidity from normal. | Mean, 10 A.M., humidity. | Variation from normal mean. | Mean speed. | Variation from normal mean. | Direction. |
|                          |   |               | High-est, 10 A.M., barometer reduced to sea-level. | Lowest, 10 A.M., barometer reduced to sea-level. | Mean, 10 A.M., for month. | Mean, reduced to sea-level. | Variation from normal. | High-est month. | Lowest month. | Mean daily maximum temperature. | Mean daily minimum temperature. | Mean daily temperature. | Relative humidity from normal. | Mean, 10 A.M., humidity. | Variation from normal mean. | Mean speed. | Variation from normal mean. | Direction. |
| HIND.                    | Pooree                                      | Pooree        | 29.880   | 29.867   | 29.747                    | 29.738                      | —                      | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —                              | 85                       | —                           | 4.5         | —                           | 3.0        |
|                          | Gopalnora                                   | Gopalnora     | 29.882   | 29.815   | 29.798                    | 29.788                      | +0.03                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.4                           | 76                       | —                           | 1.1         | — 1.8                       | 0.0        |
|                          | Palas Point                                 | Palas Point   | 29.882   | 29.830   | 29.730                    | 29.740                      | —0.03                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.8                           | 74                       | — 8                         | 4.5         | +0.2                        | 1.5        |
|                          | Cuttack                                     | Cuttack       | 29.810   | 29.478   | 29.657                    | 29.734                      | 0                      | 11.4            | 98.8          | 104.3                           | 81.2                            | 90.1                    | +2.7                           | 85                       | — 11                        | 6.5         | +0.5                        | 1.71       |
| NORTH-WEST BENGAL.       | Rain-ers                                    | Rain-ers      | 29.881   | 29.195   | 29.678                    | 29.734                      | —0.05                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +2.8                           | 81                       | —                           | 4.2         | —                           | 3.2        |
|                          | South-West Midnapore and South 24 Parganas. | Singur Island | 29.810   | 29.395   | 29.727                    | 29.733                      | —0.10                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.7                           | 76                       | — 4                         | 4.7         | +1.2                        | 3.0        |
|                          | Midnapore                                   | Midnapore     | 29.810   | 29.418   | 29.675                    | 29.734                      | +0.09                  | 11.0            | 99.2          | 100.2                           | 78.2                            | 88.2                    | +1.2                           | 80                       | —                           | 5.0         | —                           | 5.0        |
|                          | 24 Parganas, Howrah and Hooghly.            | Calcutta      | 29.807   | 29.632   | 29.710                    | 29.744                      | —0.01                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.8                           | 81                       | — 8                         | 4.0         | +0.8                        | 3.71       |
| NORTH-WEST BENGAL.       | Burdwan                                     | Burdwan       | 29.807   | 29.411   | 29.670                    | 29.734                      | —0.10                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.4                           | 80                       | — 7                         | 4.1         | +0.1                        | 1.4        |
|                          | Ranchoora                                   | Ranchoora     | 29.807   | 29.225   | 29.597                    | —                           | —                      | 10.5            | 99.2          | 101.6                           | 78.4                            | 88.0                    | —                              | 80                       | —                           | 3.4         | —                           | 3.0        |
|                          | West Burdwan and Howrah.                    | Ranchoora     | 29.807   | 29.138   | 29.598                    | 29.700                      | —0.09                  | 11.0            | 99.2          | 102.2                           | 79.5                            | 88.0                    | +2.3                           | —                        | —                           | 3.3         | —                           | 1.5        |
|                          | Moondah and                                 | Bachchapore   | 29.801   | 29.420   | 29.657                    | 29.734                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —1.5                           | 71                       | — 1                         | 5.0         | +0.8                        | 3.0        |
| NORTH-WEST BENGAL.       | Nuddea                                      | Krishnagar    | 29.804   | 29.645   | 29.668                    | 29.734                      | —                      | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.5                           | 82                       | —                           | 4.0         | —                           | 2.0        |
|                          | Jessore and Khosha                          | Jessore       | 29.804   | 29.625   | 29.724                    | 29.737                      | 0                      | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.3                           | 70                       | — 8                         | 8.3         | +1.1                        | 3.0        |
|                          | Chittagong                                  | Chittagong    | 29.804   | 29.632   | 29.732                    | 29.734                      | +0.13                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.1                           | 74                       | — 4                         | 5.4         | +0.3                        | 3.2        |
|                          | Chittagong Hill Tracts                      | Dumaguri      | 29.827   | 29.574   | 29.701                    | 29.734                      | +0.10                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +2.5                           | 78                       | —                           | 4.7         | —                           | 3.0        |
| NORTH-WEST BENGAL.       | Backerganj                                  | Backerganj    | 29.804   | 29.621   | 29.751                    | 29.738                      | +0.03                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.6                           | 7                        | —                           | 5.0         | —                           | 2.0        |
|                          | Nonkhady                                    | Nonkhady      | 29.804   | 29.531   | 29.755                    | 29.735                      | +0.16                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.4                           | 78                       | —                           | 3.0         | —                           | 3.0        |
|                          | Farrakka                                    | Farrakka      | 29.804   | 29.551   | 29.718                    | 29.734                      | +0.12                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.3                           | 77                       | — 3                         | 6.7         | 0                           | 3.0        |
|                          | Imcoo                                       | Dacca         | 29.804   | 29.474   | 29.728                    | 29.734                      | +0.08                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.3                           | 74                       | —                           | 4.1         | —                           | 1.0        |
| NORTH-WEST BENGAL.       | Comilla                                     | Comilla       | 29.807   | 29.474   | 29.728                    | 29.734                      | +0.08                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.3                           | 74                       | —                           | 4.1         | —                           | 1.0        |
|                          | Mymensingh                                  | Mymensingh    | 29.801   | 29.487   | 29.725                    | 29.738                      | +0.10                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.3                           | 81                       | —                           | 6.4         | —                           | 2.0        |
|                          | Bogra                                       | Bogra         | 29.804   | 29.463   | 29.707                    | 29.735                      | —                      | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —1.6                           | 73                       | —                           | 4.5         | —                           | 1.0        |
|                          | Pabna                                       | Serajganj     | 29.804   | 29.601   | 29.710                    | 29.734                      | +0.05                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.8                           | 79                       | —                           | 5.2         | —                           | 1.0        |
| NORTH-WEST BENGAL.       | Rajshahi                                    | Rajshahi      | 29.804   | 29.480   | 29.699                    | 29.735                      | —0.01                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.9                           | 77                       | —                           | 3.1         | —                           | 1.0        |
|                          | Maldah                                      | Maldah        | 29.804   | 29.483   | 29.627                    | —                           | —                      | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —                              | 70                       | —                           | 2.0         | —                           | 2.0        |
|                          | Dinapore                                    | Dinapore      | 29.815   | 29.457   | 29.624                    | 29.736                      | +0.07                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.5                           | 74                       | —                           | 3.0         | —                           | 1.0        |
|                          | Kumra                                       | Kumra         | 29.804   | 29.410   | 29.615                    | 29.730                      | —0.17                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.1                           | 77                       | —                           | 2.7         | —                           | 1.0        |
| NORTH-WEST BENGAL.       | Jalpaiguri and Cooch Behar.                 | Jalpaiguri    | 29.804   | 29.551   | 29.698                    | 29.731                      | —0.05                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.3                           | 70                       | —                           | 4.2         | —                           | 1.0        |
|                          | Darjeeling Hill Tracts.                     | Darjeeling    | 29.804   | 29.705   | 29.754                    | —                           | —                      | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +2.0                           | 84                       | + 1                         | 7.4         | +0.5                        | 3.0        |
|                          | Faridkot and North Simla.                   | Faridkot      | 29.814   | 29.420   | 29.614                    | 29.740                      | —0.11                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —2.5                           | 74                       | + 3                         | 7.1         | +0.5                        | 3.0        |
|                          | Meerut                                      | Meerut        | 29.740   | 29.907   | 29.722                    | 29.710                      | —0.12                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.1                           | 87                       | + 2                         | 1.5         | —0.3                        | 1.0        |
| NORTH-WEST BENGAL.       | Chhapra                                     | Chhapra       | 29.700   | 29.824   | 29.762                    | 29.763                      | —0.10                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.7                           | 84                       | —                           | 2.0         | —                           | 1.0        |
|                          | Samat                                       | Samat         | 29.703   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —2.7                           | 82                       | —                           | 1.0         | —                           | 1.0        |
|                          | Deoria                                      | Deoria        | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.7                           | 82                       | —                           | 1.0         | —                           | 1.0        |
|                          | Khajuraho                                   | Khajuraho     | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.0                           | 81                       | —                           | 1.0         | —                           | 1.0        |
| NORTH-WEST BENGAL.       | Arrah                                       | Arrah         | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.0                           | 81                       | —                           | 1.0         | —                           | 1.0        |
|                          | Gya   | Gya           | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —1.2                           | 80                       | — 11                        | 1.0         | —                           | 1.0        |
|                          | Patna                                       | Patna         | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.3                           | 87                       | — 8                         | 1.0         | —                           | 1.0        |
|                          | South Bhagalpur and Bhagalpur.              | Bhagalpur     | 29.740   | 29.828   | 29.785                    | 29.785                      | +0.10                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | —0.7                           | 84                       | —                           | 1.0         | —                           | 1.0        |
| NORTH-WEST BENGAL.       | South Bhagalpur and Bhagalpur.              | Naya Sonmukh  | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +1.5                           | 80                       | —                           | 1.0         | —                           | 1.0        |
|                          | Barh  | Barh          | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.1                           | 82                       | — 10                        | 1.0         | —                           | 1.0        |
|                          | Patna                                       | Patna         | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.3                           | 87                       | — 8                         | 1.0         | —                           | 1.0        |
|                          | Patna                                       | Patna         | 29.700   | 29.810   | 29.755                    | 29.750                      | —0.04                  | 10.5            | 99.2          | 88.8                            | 81.4                            | 85.0                    | +0.3                           | 87                       | — 8                         | 1.0         | —                           | 1.0        |

range for the month of May 1888.

| DISTRICT OBSERVATIONS. |              |                      |                       |                                   |                   |              |            |                            |                                   | Representative Stations. | DISTRICT.                                   | METEOROLOGICAL DIVISION. |
|------------------------|--------------|----------------------|-----------------------|-----------------------------------|-------------------|--------------|------------|----------------------------|-----------------------------------|--------------------------|---|--------------------------|
| RAINFALL.              |              |                      |                       |                                   |                   |              |            |                            |                                   |                          |   |                          |
| Of month.              |              |                      |                       |                                   | Since 18th May.   |              |            |                            |                                   |                          |   |                          |
| Mean of district.      | Normal mean. | Variation from mean. | Number of rainy days. | Normal mean number of rainy days. | Mean of district. | Normal mean. | Variation. | Mean number of rainy days. | Normal mean number of rainy days. |                          |   |                          |
| 1.00                   | 3.05         | -1.75                | 3.8                   | 5.8                               | 1.74              | 1.72         | +0.02      | 2.6                        | 3.2                               | Pooree                   | Pooree                                      | Orissa.                  |
| —                      | —            | —                    | —                     | —                                 | —                 | —            | —          | —                          | —                                 | Gopalpur                 | —   |                          |
| —                      | —            | —                    | —                     | —                                 | —                 | —            | —          | —                          | —                                 | Falm Point               | —   |                          |
| 3.03                   | 3.00         | -0.03                | 4.3                   | 0.0                               | 2.24              | 2.19         | +0.18      | 3.9                        | 4.7                               | Cuttack                  | Cuttack                                     | Orissa.                  |
| 3.74                   | 4.73         | -1.76                | 8.8                   | 8.0                               | 3.30              | 3.40         | -0.21      | 5.3                        | 4.2                               | Balasore                 | Balasore                                    |                          |
| 1.06                   | 4.80         | -1.92                | 7.0                   | 2.2                               | 2.86              | 3.26         | -0.73      | 7.0                        | 4.1                               | Rangor Island            | South-West Midnapore and South 24-Parganas. | Orissa.                  |
| 3.39                   | 3.19         | -1.00                | 7.8                   | 8.0                               | 2.74              | 2.08         | +0.08      | 6.0                        | 3.7                               | Midnapore                | Midnapore                                   |                          |
| 3.56                   | 3.67         | -0.07                | 8.2                   | 0.7                               | 3.37              | 3.63         | -0.74      | 6.9                        | 4.0                               | Calcutta                 | 24-Parganas, Howrah, and Hooghly.           | Orissa.                  |
| 3.72                   | 3.05         | -1.13                | 8.7                   | 0.2                               | 1.88              | 2.08         | -1.00      | 5.3                        | 4.3                               | Burdwan                  | Burdwan                                     |                          |
| 3.11                   | 3.07         | -0.03                | 6.6                   | 0.7                               | 2.43              | 2.08         | +0.30      | 5.0                        | 4.0                               | Bankura                  | Bankura                                     | Orissa.                  |
| 2.81                   | 3.41         | -0.60                | 6.5                   | 0.1                               | 1.74              | 1.43         | +0.34      | 5.3                        | 4.6                               | Roaring                  | West Burdwan and Birbhum.                   |                          |
| 3.75                   | 3.27         | -1.00                | 11.0                  | 0.3                               | 2.08              | 3.11         | -1.00      | 7.3                        | 4.8                               | Berhampore               | Meerabadabad                                | Orissa.                  |
| 4.09                   | 3.31         | -1.02                | 8.3                   | 0.2                               | 1.03              | 3.26         | -1.34      | 5.4                        | 5.2                               | Krishangore              | Noida                                       |                          |
| 1.46                   | 3.79         | -4.33                | 6.5                   | 10.0                              | 1.13              | 3.38         | -2.15      | 3.8                        | 5.5                               | Jessore                  | Jessore and Khulna                          | Orissa.                  |
| 1.00                   | 10.00        | +1.00                | 10.5                  | 12.2                              | 2.67              | 3.27         | -4.42      | 7.0                        | 5.1                               | Chittagong               | Chittagong                                  |                          |
| 3.20                   | 3.40         | -1.30                | 10.5                  | 13.0                              | 3.47              | 4.49         | -2.78      | 6.5                        | 4.4                               | Dumagri                  | Chittagong Hill Tracts                      | Orissa.                  |
| 1.44                   | 7.68         | -5.24                | 5.8                   | 13.4                              | 1.60              | 3.28         | -2.23      | 6.8                        | 4.2                               | Barrack                  | Barrack                                     |                          |
| 6.54                   | 10.40        | -3.84                | 10.0                  | 13.2                              | 5.03              | 4.74         | +0.27      | 5.0                        | 5.4                               | Noakhali                 | Noakhali                                    | Orissa.                  |
| 4.97                   | 3.28         | -4.12                | 8.2                   | 11.9                              | 3.04              | 3.33         | -0.09      | 6.0                        | 5.8                               | Furruckpore              | Furruckpore                                 |                          |
| 4.97                   | 3.92         | -4.33                | 11.3                  | 12.0                              | 3.43              | 3.37         | -0.05      | 5.0                        | 5.0                               | Dacca                    | Dacca                                       | Orissa.                  |
| 0.23                   | 10.43        | -4.16                | 10.8                  | 13.0                              | 7.74              | 4.32         | +3.42      | 8.3                        | 6.4                               | Cornwallish              | Cornwallish                                 |                          |
| 0.00                   | 0.45         | +7.01                | 16.0                  | 12.8                              | 14.41             | 4.04         | +3.87      | 11.0                       | 6.5                               | Myamensingh              | Myamensingh                                 | Orissa.                  |
| 0.04                   | 7.79         | +2.19                | 11.3                  | 10.0                              | 3.99              | 4.44         | -4.65      | 9.0                        | 5.7                               | Bogra                    | Bogra                                       |                          |
| 7.08                   | 7.11         | -4.25                | 15.0                  | 11.2                              | 6.44              | 3.30         | +3.08      | 10.5                       | 5.0                               | Berajung                 | Berajung                                    | Orissa.                  |
| 6.11                   | 6.13         | -1.02                | 11.8                  | 0.1                               | 2.06              | 3.34         | -4.48      | 2.0                        | 5.9                               | Rampore Brahm            | Najibabad                                   |                          |
| 3.41                   | 4.38         | -1.09                | 10.0                  | 7.0                               | 2.43              | 2.33         | -0.33      | 6.0                        | 4.0                               | Maldah                   | Maldah                                      | Orissa.                  |
| 3.30                   | 3.43         | -1.03                | 9.4                   | 8.3                               | 2.61              | 4.26         | -4.35      | 7.4                        | 4.6                               | Dinapore                 | Dinapore                                    |                          |
| 0.75                   | 11.23        | -4.32                | 16.5                  | 13.0                              | 3.40              | 7.40         | -4.08      | 11.0                       | 6.7                               | Rampur                   | Rampur                                      | Orissa.                  |
| 0.14                   | 10.70        | -1.04                | 19.4                  | 16.0                              | 6.40              | 9.13         | -3.03      | 10.0                       | 8.7                               | Jalpigore                | Jalpigore and Onch Bazar.                   |                          |
| 6.74                   | 11.23        | -4.34                | 15.6                  | 16.5                              | 4.75              | 7.00         | -2.25      | 12.3                       | 9.0                               | Darjeeling               | Darjeeling Hill Tracts                      | Orissa.                  |
| 6.71                   | 4.94         | -4.17                | 7.0                   | 6.7                               | 3.72              | 3.96         | -2.67      | 6.8                        | 3.3                               | Purneah                  | Purneah and North Bhagalpore.               |                          |
| 1.37                   | 3.46         | -0.39                | 3.0                   | 4.3                               | 1.67              | 1.36         | +0.31      | 3.0                        | 2.1                               | Moufferpore              | Moufferpore                                 | Orissa.                  |
| 3.75                   | 3.40         | -0.35                | 5.7                   | 4.5                               | 3.25              | 1.37         | +1.43      | 3.7                        | 2.0                               | Durbhanga                | Durbhanga                                   |                          |
| 3.00                   | 3.30         | -0.10                | 5.0                   | 4.7                               | 3.40              | 1.30         | +1.14      | 3.9                        | 3                                 | Kotibasi                 | Chumbarun                                   | Orissa.                  |
| 0.00                   | 3.00         | -1.16                | 5.0                   | 2.5                               | 0.02              | 1.09         | -0.17      | 0                          | 1.8                               | Chupra                   | Saran                                       |                          |
| 3.00                   | 3.61         | -0.61                | 1.4                   | 2.9                               | 0.06              | 0.93         | -0.37      | 1.4                        | 1.0                               | Dehree                   | Shahabad                                    | Orissa.                  |
| —                      | —            | —                    | —                     | —                                 | —                 | —            | —          | —                          | —                                 | Arrah                    | —   |                          |
| 3.00                   | 1.70         | -1.30                | 1.0                   | 3.3                               | 0.37              | 1.37         | -1.00      | 1.3                        | 1.9                               | Gya                      | Gya   | Orissa.                  |
| 1.00                   | 3.00         | -0.30                | 3.3                   | 3.3                               | 1.16              | 1.43         | -0.26      | 2.0                        | 2.0                               | Bankipore                | Patna                                       |                          |
| 1.00                   | 3.40         | -0.20                | 4.0                   | 4.5                               | 1.30              | 1.41         | -0.21      | 3.4                        | 3.2                               | Bhagalpore               | South Bhagalpore and Monghyr.               | Orissa.                  |
| 3.00                   | 3.34         | -0.34                | 7.3                   | 3.8                               | 1.67              | 2.43         | -0.76      | 5.3                        | 3.3                               | Naya Dooka               | South Parganas                              |                          |
| 3.00                   | 3.21         | -0.21                | 9.0                   | 3.3                               | 0.40              | 1.03         | -1.23      | 2.3                        | 3.0                               | Rasulabad                | Rasulabad                                   | Orissa.                  |
| 1.00                   | 3.40         | -1.40                | 3.7                   | 3.3                               | 1.01              | 1.34         | -0.53      | 3.3                        | 3.4                               | Ranehee                  | Lohardhaga                                  |                          |
| 1.00                   | 3.40         | -0.40                | 7.5                   | 3.0                               | 1.17              | 1.00         | -0.40      | 5.0                        | 3.6                               | Ohyaissa                 | Manbhum                                     | Orissa.                  |
| 3.00                   | 3.72         | -1.72                | 3.0                   | 3.3                               | 3.07              | 3.33         | -0.80      | 3.0                        | 4.0                               | —                        | —   |                          |
| —                      | —            | —                    | —                     | —                                 | —                 | —            | —          | —                          | —                                 | Bhagalpur                | —   | Orissa.                  |
| —                      | —            | —                    | —                     | —                                 | —                 | —            | —          | —                          | —                                 | Dubel                    | —   |                          |
| —                      | —            | —                    | —                     | —                                 | —                 | —            | —          | —                          | —                                 | Silchar                  | —   |                          |



[illegible]

**Table of Rainfall recorded at Station**

[illegible]



**Bengal in May 1888—continued.**

[illegible]

Table of Rainfall recorded at Stations

[illegible]

Bengal for the month of May 1883—concluded.

| 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | 32                    | 33                           | 34                            | 35                              | 36                                | 37  | 38  | 39       | 40        | 41                       | 42   | 43   | 44   | 45   | 46   | 47   | 48   | 49   | 50   | 51   | 52   | 53   | 54   | 55   | 56   | 57   | 58   | 59   | 60   | 61   | 62   | 63   | 64   | 65   | 66   | 67   | 68   | 69   | 70   | 71   | 72   | 73   | 74   | 75   | 76   | 77   | 78   | 79   | 80   | 81   | 82   | 83   | 84   | 85   | 86   | 87   | 88   | 89   | 90   | 91   | 92   | 93   | 94   | 95   | 96   | 97   | 98   | 99   | 100  | 101  | 102  | 103  | 104  | 105  | 106  | 107  | 108  | 109  | 110  | 111  | 112  | 113  | 114  | 115  | 116  | 117  | 118  | 119  | 120  | 121  | 122  | 123  | 124  | 125  | 126  | 127  | 128  | 129  | 130  | 131  | 132  | 133  | 134  | 135  | 136  | 137  | 138  | 139  | 140  | 141  | 142  | 143  | 144  | 145  | 146  | 147  | 148  | 149  | 150  | 151  | 152  | 153  | 154  | 155  | 156  | 157  | 158  | 159  | 160  | 161  | 162  | 163  | 164  | 165  | 166  | 167  | 168  | 169  | 170  | 171  | 172  | 173  | 174  | 175  | 176  | 177  | 178  | 179  | 180  | 181  | 182  | 183  | 184  | 185  | 186  | 187  | 188  | 189  | 190  | 191  | 192  | 193  | 194  | 195  | 196  | 197  | 198  | 199  | 200  | 201  | 202  | 203  | 204  | 205  | 206  | 207  | 208  | 209  | 210  | 211  | 212  | 213  | 214  | 215  | 216  | 217  | 218  | 219  | 220  | 221  | 222  | 223  | 224  | 225  | 226  | 227  | 228  | 229  | 230  | 231  | 232  | 233  | 234  | 235  | 236  | 237  | 238  | 239  | 240  | 241  | 242  | 243  | 244  | 245  | 246  | 247  | 248  | 249  | 250  | 251  | 252  | 253  | 254  | 255  | 256  | 257  | 258  | 259  | 260  | 261  | 262  | 263  | 264  | 265  | 266  | 267  | 268  | 269  | 270  | 271  | 272  | 273  | 274  | 275  | 276  | 277  | 278  | 279  | 280  | 281  | 282  | 283  | 284  | 285  | 286  | 287  | 288  | 289  | 290  | 291  | 292  | 293  | 294  | 295  | 296  | 297  | 298  | 299  | 300  | 301  | 302  | 303  | 304  | 305  | 306  | 307  | 308  | 309  | 310  | 311  | 312  | 313  | 314  | 315  | 316  | 317  | 318  | 319  | 320  | 321  | 322  | 323  | 324  | 325  | 326  | 327  | 328  | 329  | 330  | 331  | 332  | 333  | 334  | 335  | 336  | 337  | 338  | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |
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|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Number of rainy days. | Excess number of rainy days. | Total rainfall for the month. | Average rainfall for the month. | Excess rainfall during the month. | Total rainfall from 1st Jan to 31st Mar 1900. | Average rainfall for the month up to 31st Mar 1900. | Station. | District. | Meteorological division. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     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    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     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**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-  
TIONS TAKEN IN ASSAM, DURING THE MONTH OF MAY 1888.**

THE normal meteorological conditions in Bengal during May are to a considerable extent similar to those of April. There is the steady and increasing difference of temperature between the land and the sea area, and in this month this difference attains almost its maximum. The area of maximum temperature during May includes the western districts of South Behar, the North-West Provinces, Rajputana and Central India. With the increasing temperature of the land surface, the southerly winds blowing from the Bay of Bengal strengthen considerably, and owing to the physical obstacles of the hill systems to the east and north of Bengal, they appear as south-easterly winds in East Bengal, and as easterly winds in North Bengal. At the same time, however, the usual hot, dry westerly winds are blowing over considerable portions of Behar and Chutia Nagpur, and thus during May, as explained in previous monthly reports, conditions are favourable to the production of the local storms called nor'-westers. These, it is probable, are produced by the action of the opposing winds in elevating the moist sea breezes, and by this ascensional motion their water vapour is condensed, and sufficient energy is at the same time liberated to produce the well-known effects of these storms.

The southerly breezes which blow during this month at the head of the Bay are of considerable strength, and in fact at Saugor Island and False Point the wind velocities measured in May are generally greater than those during the actual rainy season, but there is reason to believe that during May the current is of comparatively small depth compared to what it is during the actual monsoon period. These winds, however, carry considerable amounts of moisture into East and North Bengal, and in the neighbourhood of the hills ascensional movement takes place, followed frequently by local storms and by heavy rainfall. This action will account for the large rainfall which occurs during this month in the northern and eastern districts of the province.

During May the distribution of the normal rainfall is simple, and the lines of equal rainfall run nearly north and south through the province, or rather almost parallel to a line joining the Chittagong Hill Tracts, the Tipperah Hills, the Garo Hills, and the Darjeeling Hills, the largest amounts being received in the eastern and northern districts, and smallest amounts in the western districts. Thus the average rainfall of the month is less than 2 inches in the southern parts of the Saran and Mozufferpore districts, the Gya and Shahabad districts, and the western parts of Chutia Nagpur. To the east of these districts, up to a line running nearly north from the mouth of the Hooghly, the rainfall increases from 2 up to 5 inches. To the east of this, up to a line passing through Raunpore, Jamalpore, Mymensing, Bramunberiah, Comilla, and Cox's Bazar, the average rainfall increases eastwards from 5 to 10 inches. To the east of that line it exceeds 10 inches, and increases rapidly in amount towards the Garo and Khasia Hills and towards the Doorgs, and at Buxa in the Western Doorgs, the average rainfall in May is no less than 2·93 inches.

The meteorology of May is generally rather important, for about the second or third week, the south-west monsoon makes its appearance in the south of the Bay, and give heavy rain and fairly strong winds at the South Ceylon stations. The monsoon current gradually creeps up the east of the Bay, and rain sets in along the Arakan coast toward the close of the month, and it afterwards spreads into East and North Bengal early in June.

In the front of the advancing monsoon current frequently cyclonic storms arise, which are sometimes small and feeble, and at other times larger and of considerable intensity. When these cyclonic storms are formed quite in the south of the Bay, they usually advance towards the Madras coast; but when the storms originate rather later, that is, when the monsoon current has advanced well into the centre of the Bay, the storms which then form appear usually to advance either towards the Arakan coast, or towards the South Bengal coast.

*Meteorology of the month* — The principal features of interest in the meteorology of the past month have been —

1. A mean barometric pressure for the whole province of Bengal which has been almost normal, though at the western and northern stations pressure has been slightly below the normal, and at the south-eastern stations slightly above it. The variation from the normal for the whole province is a defect of only 0·007 inch. In Assam pressure has been below the normal by 0·04 inch.

2. A mean temperature for the whole province which has been slightly (0·6°) in excess of the normal. The northern districts of the province have, however, shown mean temperatures distinctly below the normal, while South Behar, Chutia Nagpur, Orissa, South-West and East Bengal have all shown excess temperatures. In Assam temperature has been below the normal by 0·9°.

3. Rainfall has been below the normal in all the meteorological divisions of the province of Bengal except in North Behar, where the fall has been normal in amount. In Orissa

East Bengal, and North Bengal the defects are small; in South-West Bengal and South Behar the defects are considerable; while in Chutia Nagpur the defect has been large, and the rainfall has been only 38 per cent. of the usual amount.

4. There were three periods in the month during which weather was disturbed. The first period was short, and on the 1st and 2nd local storms with rain were rather numerous in South-West, East and North Bengal. Again from the 6th to the 10th weather conditions over the same districts became disturbed, and showers accompanying local storms occurred with moderate frequency. The third period of disturbance lasted from the 16th to the end of the month, and at this time all the divisions of Bengal received showers, and for the last three or four days of the month the local storms were rather numerous, and moderately heavy rainfall was received.

5. The first advance of south-west monsoon winds in the south of the Bay took place about the 8th or 9th of the month, and in front of this advance a small cyclonic storm was formed which crossed the Madras coast. This advance, however, does not appear to have progressed very far up the Bay. The second advance commenced about the 17th, and lasted only for five days, and it would appear that in this advance the monsoon winds reached about the centre of the Bay, when they again died away. The third advance of the monsoon current commenced in the south of the Bay on the 27th, and from this date up till the end of the month very strong winds were reported in the south of the Bay. A small storm was subsequently formed in front of this advance, but as it did not form till early in June, its history will be described in the meteorological summary for that month.

At the end of April a distinct low-pressure area had formed over Chutia Nagpur, which also caused comparatively low pressure over the greater part of Orissa, South and South-East Bengal. The wind systems blowing over the province were also somewhat irregular; south-westerly winds prevailed in Orissa and Chutia Nagpur, southerly winds in South and South-East Bengal, and easterly, north-easterly and northerly winds elsewhere. These winds were also at the majority of stations very moist, and, owing to the rainfall which was occurring, temperature was generally considerably below the normal. Under such conditions weather continued disturbed, and local storms with rain were general in South-West, East and North Bengal, and in the southern parts of Chutia Nagpur up to 1st and in many cases up to the 2nd of May, and even over a large part of Behar, rainfall was general on April 30th; but in the Shahabad, Gya and Patna districts in South Behar and in the Hazaribagh and Lohardugga districts of Chutia Nagpur, rainfall was practically absent throughout this period. A slight change, however, commenced in the meteorological conditions of the province on the 1st, inasmuch as the easterly element in the wind directions became less strongly pronounced. These moist easterly winds again diminished in force on the 2nd, and by the 3rd they had practically retired from Bengal, and westerly and south-westerly winds, accompanied by a decided decrease in the humidity, obtained in their place. In Assam, however, moist easterly winds were still reported, and this district continued to receive rain. From the 2nd fairly settled weather obtained over the whole of Bengal, and rainfall was practically absent up to the 5th, though there was a slight re-action noticeable in the wind directions, and an easterly wind current commenced to make itself felt at the eastern and northern stations; while in Chutia Nagpur and at some of the central stations in Behar northerly and north-westerly winds were reported. On the following day winds in Chutia Nagpur became north-westerly, though more or less easterly winds were still blowing at the eastern stations. On the 7th the easterly winds again extended to Chutia Nagpur and parts of Behar, and for some days similar oscillations took place from day to day. These changes in the wind directions and the slight interaction taking place between the wind systems over the province at once caused weather conditions to become slightly disturbed, and local storms with rain became rather more numerous from the 6th, and they continued moderately frequent up to the 10th. The storms only extended over parts of the various districts, and thus the rainfall brought up by them was not general in any part of the province. Rainfall was in fact mainly confined in Orissa to the Balasore district; in South-West Bengal to the Burdwan, Bankoorah, Beerbhoom, Nuddea, Jessore, and Moorsshedabad districts; in East Bengal to the Furreedpore, Dacca, Tipperah and Mymensingh districts; in North Bengal to the Rajshahye, Maldah, and Julpagoree districts; in South Behar to the Sonthal Pergunnahs district; and in Chutia Nagpur to the Manbhoom district. Over the whole of North Behar and in the remaining districts of the other meteorological divisions, local storms were very few in number, and rainfall was almost absent.

While, however, the meteorological changes in Bengal at this period were unimportant, in the south of the Bay conditions decidedly altered. From about the 7th or 8th it was clear that the general distribution of pressure over the Bay was favourable for the first advance of south-west monsoon winds in the south of the Bay, and about the 8th or 9th the first feeble advance did take place. The advance was decidedly less powerful than usual, but nevertheless in front of the rush of moist winds a small cyclonic storm was formed which on the 11th appeared off the South Madras coast, the centre being not far off the land, and apparently to the east-north-east of Negapatam ■ 8 A.M. of the 11th.

The storm during the night of the 11th advanced across the coast in a westerly or west-north-westerly direction, the centre apparently passing near Cuddalore, and on the morning of the 12th the centre was well inland to the north-west of Negapatam. Though the storm was by no means an intense one, yet it gave strong winds, a rough sea, and rather squally weather along the whole of the coast from Madras southwards. On the 13th the small storm had again advanced in a north-westerly direction, but it had rather rapidly died up, and had practically disappeared. This advance of the monsoon winds was rather a feeble one, and it does not appear to have advanced as a definite moisture bearing current very far up the Bay, but the low pressure, which apparently accompanied its advance in the south of the Bay, afterwards spread in a northerly direction, and a wave, or perhaps two waves of decidedly low pressure, advanced over the Bay into Bengal. The first rapid fall of pressure in the north of the Bay took place on the 13th, and continued on the 14th, when at some stations pressure fell by no less than a fifth of an inch during the two days; on the 15th there was a slight recovery; but on the 16th a further very rapid fall commenced, which was greatest on the Burma coast and in Orissa, and there was again a very large decrease on the 17th off the Arakan and Pegu coasts, the fall in some cases exceeding 0.15 inch. This caused a very distinct low-pressure area to be formed to the south-west of Akyab, and this diffused depression was accompanied by a distinct cyclonic circulation of winds. The depression probably gave somewhat squally weather over the northern half of the Bay on this day; but it did not concentrate or develop into any definite storm, and on the following day the area of low pressure advanced over South Bengal, when the pressure recorded became extremely low, as for instance Balasore registered 29.54 inches—a pressure almost as low as is generally recorded at the commencement of the rainy season. Beyond, however, this abnormal pressure and bringing up with it moderately strong, but very moist, winds, and giving rather numerous showers, the depression did not influence the weather in Bengal to any material extent, and it subsequently passed into the interior of the province and afterwards appeared in Behar.

For the period from the 18th to the 25th, weather continued generally slightly disturbed, and local storms with rain were fairly numerous. For the greater part of this period a rather strong moist southerly wind current was blowing at the southern stations, south-easterly and easterly winds were blowing at the eastern stations, and a steady easterly and north-easterly current at the northern stations; while in the west and south-west of the province winds were south-westerly and westerly. There was thus a feeble circulation of winds over the province, which caused local disturbances and rain.

While, therefore, the conditions in Bengal and Assam at this period had not varied to any large extent, more important changes were occurring in the Bay; and a second advance of monsoon winds took place in the south of the Bay, and from the 17th up to the 22nd decidedly strong winds were reported from the Ceylon stations. After this date wind velocities again rapidly decreased. This advance of monsoon winds did not, as in the first case, give rise to any storm in front of it, and it apparently simply advanced up the centre and east of the Bay, and moderate and fairly general rain commenced to fall at the South Burma stations from about the 24th, though it was only on the 26th that very heavy rain (nearly 7 inches) was first reported at Moulmein. It is impossible to say with certainty how far up the centre of the Bay this advance of south-west monsoon winds reached, but it is probable it extended over the whole of the southern half.

For the last week of the month the weather in Bengal remained decidedly disturbed, and there was a distinct tendency to a circulation of winds. In Orissa winds were south-westerly, and in South-Bengal south-westerly and southerly, and the velocity of the winds blowing at the head of the Bay was very large, particularly at the commencement of the week. At the eastern stations winds were south-easterly, and at the northern stations easterly, while in the west of Behar and in Chutia Nagpur winds were in some cases north-westerly and westerly. The result of this interaction and of the strong moist winds pouring into the province was the formation of extremely numerous local storms, generally accompanied by rain, in almost all districts of the province, and thus good general rain was received. This rainfall, however, cannot be said to have been brought up by the true south-west monsoon current, for this had not made its appearance over Bengal up to the close of the month.

The meteorological changes taking place in the Bay were again more important than those over the land area. It has been noticed that the second advance of monsoon winds took place over the south of the Bay, from the 17th up to the 22nd. Winds then fell off in strength at the southern stations, and up to the morning of the 27th they remained of about normal force. From this date, however, an extremely rapid increase took place in the strength of the winds at the Ceylon stations, and exceptionally strong winds were reported from the 28th up to the close of the week. During this period weather must have been more or less stormy generally over the whole of the south of the Bay, but up to June 1st there was no evidence of any distinct storm having formed in front of this rush of monsoon winds, which on this date had reached well into the middle of the Bay, and when it almost appeared as if the advance would continue up the Bay, and bring about the commencement



of the true rains in Bengal. The further history of this advance, however, belongs to the meteorology of the following month.

**Pressure.**—Was slightly in defect of the normal during the first week of the month; in the second week a slight, but decidedly larger, general excess was recorded; in the third week pressure was again in defect; and it remained slightly in defect till the close of the month. Taking into consideration only those stations from which records have been received for a series of years, it is found that the mean pressure for the whole of Bengal for May has been only 0.007 inch in defect of the normal. In South-East Bengal a slight excess pressure, such as 0.013 inch at Chittagong, has been recorded, while larger defects have been registered at the western and northern stations; thus Calcutta has been in defect of the normal by 0.011 inch, and Gya by 0.026 inch. In Assam pressure has been in defect by 0.014 inch.

**Temperature.**—The temperature variations during the month have to a great extent depended on the distribution of the rainfall, but the general mean temperature of the province has been in excess by 0.6°. North Bengal and North Behar show defects of from one to one and a half degrees; South-West and East Bengal show excess temperatures less than one degree; Orissa and South Behar temperatures from one to one and a half degrees above the normal; while in Chutia Nagpur the excess is three degrees. In Assam a defect of 0.9° has been registered.

Some fairly high maximum temperatures have been recorded during the month. Thus—

|              |             |                         |        |
|--------------|-------------|-------------------------|--------|
| At Outlake   | on the 21st | maximum temperature was | 114.4° |
| „ Dehree     | „ 23rd      | „                       | 113.5° |
| „ Chyebassa  | „ 25th      | „                       | 112.3° |
| „ Gya        | „ 22nd      | „                       | 112.1° |
| „ Raneegunge | „ 21st      | „                       | 111.0° |
| „ Midnapore  | „ 21st      | „                       | 110.4° |
| „ Arrah      | „ 22nd      | „                       | 109.4° |
| „ Bankipore  | „ 22nd      | „                       | 109.1° |

**Rainfall.**—The periods of rainfall and its general distribution have been already referred to, and it therefore only remains to state the amounts which have been received. The only district which has received a fall in excess of the normal is North Behar, which has received an average fall of 3.29 inches, the normal fall being 3.21 inches. All other districts have received falls in defect, though except in the case of Chutia Nagpur, and to a smaller extent in South-West Bengal and South Behar, the defects have not been very large. East and North Bengal have received a general rainfall of between eight and eight and a half inches, and Orissa has received a fall of three and a half inches, and in all three cases the defects are less than 10 per cent. of the normal fall. In South-West Bengal there has been an average fall of 3.33 inches, which is equal to about 60 per cent. of the normal fall; while in South Behar the fall has averaged 1.42 inches, which is also nearly 60 per cent. of the usual fall. In Chutia Nagpur, however, the fall has only averaged a little more than an inch, and this is only 33 per cent. of the normal fall in May.

When the rainfall variations are charted, it is seen that there are three small districts where the falls have been in excess of the normal. First an area running in a north-easterly direction from East Bengal through North Bengal into North Behar, and comprising parts of the following districts—Tipperah, Mymensingh, Bogra, Dinagore, Purneah, Bhagulpore, and Durbhunga; a second area comprising part of the Burdwan and Beerbhoom districts; and a third area comprising the Balasore and part of the Midnapore district. All the remainder of the province shows a defective rainfall, but it is only in parts of South and South-East Bengal, and in the districts close to the hills of North Bengal, that the defects exceed three inches.

The following table gives full data for the comparison of the actual and the normal rainfall of the month of May in all districts of the province. The figures are derived from the average and actual rainfall of the rain-recording stations in each district, due allowance or weight being made for the area which each station represents. This gives a more accurate average than the arithmetical means given in the weekly and monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 15 years. The second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district. The third column expresses the ratio of the actual district rainfall of the past month to the normal rainfall as a percentage. The fourth column gives the same information as the third column in a slightly different form. It states as a percentage how much the district rainfall of the month varied in excess or defect from the normal rainfall, and is hence the difference between the numbers in the third column and 100.

| DIVISION.         | DISTRICT.              | Normal district rainfall, May. | Actual district rainfall, May. | Percentage of actual to normal rainfall. | Percentage excess (+) or deficit (-). |
|-------------------|------------------------|--------------------------------|--------------------------------|--|---------------------------------------|
| Orissa            | Pooree ...             | 2.77                           | 2.89                           | 104                                      | +8                                    |
|                   | Cuttack ...            | 3.77                           | 2.92                           | 78                                       | -22                                   |
|                   | Balnora ...            | 4.85                           | 5.60                           | 113                                      | +13                                   |
|                   | Midnapore ...          | 5.10                           | 4.56                           | 89                                       | -11                                   |
|                   | 24 Pergunnahs ...      | 5.80                           | 2.65                           | 47                                       | -53                                   |
|                   | Howrah ...             | 5.65                           | 4.08                           | 72                                       | -23                                   |
| South-West Bengal | Hoochly ...            | 5.25                           | 3.32                           | 63                                       | -37                                   |
|                   | Burdwan ...            | 5.01                           | 3.11                           | 62                                       | -38                                   |
|                   | Bankura ...            | 3.80                           | 2.97                           | 78                                       | -22                                   |
|                   | Beerbhoom ...          | 3.27                           | 2.48                           | 76                                       | -24                                   |
|                   | Nuddoa ...             | 6.48                           | 4.85                           | 75                                       | -21                                   |
|                   | Khoolna ...            | 6.29                           | 0.87                           | 14                                       | -86                                   |
|                   | Jessore ...            | 6.92                           | 3.45                           | 50                                       | -50                                   |
|                   | Moorshedabad ...       | 4.73                           | 3.28                           | 69                                       | -31                                   |
|                   | Chittagong ...         | 9.59                           | 13.33                          | 129                                      | +29                                   |
|                   | Backergunge ...        | 7.43                           | 2.49                           | 34                                       | -66                                   |
| East Bengal       | Noakhally ...          | 9.65                           | 7.20                           | 75                                       | -25                                   |
|                   | Farrakpore ...         | 8.66                           | 4.32                           | 50                                       | -50                                   |
|                   | Dacca ...              | 8.65                           | 4.71                           | 54                                       | -46                                   |
|                   | Comilla ...            | 10.28                          | 9.48                           | 92                                       | -8                                    |
|                   | Mymensingh ...         | 10.30                          | 16.79                          | 163                                      | +63                                   |
|                   | Pabna ...              | 7.32                           | 7.66                           | 105                                      | +5                                    |
|                   | Bozra ...              | 8.29                           | 10.15                          | 122                                      | +22                                   |
|                   | Rajshahye ...          | 6.15                           | 5.01                           | 82                                       | -18                                   |
|                   | Maldah ...             | 4.34                           | 3.41                           | 79                                       | -21                                   |
|                   | Dinapore ...           | 6.55                           | 8.30                           | 127                                      | +27                                   |
| North Bengal      | Rangpore ...           | 11.35                          | 11.77                          | 104                                      | +4                                    |
|                   | Cooch Behar ...        | 13.83                          | 8.68                           | 63                                       | -37                                   |
|                   | Jalpaiguri ...         | 11.43                          | 5.08                           | 44                                       | -56                                   |
|                   | Imrjeeling ...         | 7.67                           | 3.88                           | 51                                       | -49                                   |
|                   | Purneah ...            | 5.49                           | 5.92                           | 108                                      | +8                                    |
|                   | North Bhagulpore ...   | 4.11                           | 6.91                           | 168                                      | +68                                   |
|                   | Durbhanga ...          | 2.71                           | 3.16                           | 117                                      | +17                                   |
|                   | Mozufferpore ...       | 2.37                           | 1.66                           | 66                                       | -34                                   |
|                   | Chumparan ...          | 2.57                           | 2.43                           | 95                                       | -5                                    |
|                   | Saran ...              | 1.83                           | 0.91                           | 48                                       | -52                                   |
| South Bengal      | Shahabad ...           | 1.21                           | 0.49                           | 40                                       | -60                                   |
|                   | Gya ...                | 1.16                           | 0.36                           | 31                                       | -69                                   |
|                   | Patna ...              | 2.03                           | 1.29                           | 64                                       | -36                                   |
|                   | Monghyr ...            | 2.17                           | 1.69                           | 84                                       | -16                                   |
|                   | South Bhagulpore ...   | 2.61                           | 2.47                           | 95                                       | -5                                    |
|                   | Sonthal Pergunnahs ... | 3.61                           | 2.27                           | 63                                       | -37                                   |
| Chatis Nagpur     | Hazaribagh ...         | 2.00                           | 0.65                           | 33                                       | -67                                   |
|                   | Lohardugga ...         | 2.23                           | 0.83                           | 36                                       | -64                                   |
|                   | Singbhoom ...          | 3.82                           | 2.40                           | 63                                       | -37                                   |
|                   | Manbhoom ...           | 2.61                           | 2.05                           | 79                                       | -21                                   |

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological divisions of the Province for the month of May 1888:—

| METEOROLOGICAL<br>DIVISION. | TEMPERATURE.                   |                               |                         |                        |                       |  | RAINFALL. |                 |            |                          |                                 |            |                 |                 |
|-----------------------------|--------------------------------|-------------------------------|-------------------------|------------------------|-----------------------|--|-----------|-----------------|------------|--------------------------|---------------------------------|------------|-----------------|-----------------|
|                             | Highest observed during month. | Lowest observed during month. | Averages for month.     |                        |                       | Average mean of month above or below normal mean of month. | Of month. |                 |            | Rain days.               |                                 |            | Since 15th May. |                 |
|                             |                                |                               | Of highest of each day. | Of lowest of each day. | Of mean for each day. |  | Average.  | Normal average. | Variation. | Average number in month. | Normal average number in month. | Variation. | Average.        | Normal average. |
|                             |                                |                               |                         |                        |                       |  |           |                 |            |                          |                                 |            |                 |                 |
| Orissa                      | 114.4                          | 86.3                          | 94.2                    | 80.7                   | 87.5                  | +1.2   | 3.00      | 3.01            | -0.01      | 4.8                      | 7.1                             | -2.3       | 5.35            | 3.15            |
| South-West Bengal           | 111.8                          | 87.8                          | 87.0                    | 76.2                   | 87.3                  | +0.8   | 3.53      | 3.41            | -0.12      | 5.2                      | 9.6                             | -4.4       | 1.35            | 3.75            |
| East Bengal                 | 99.4                           | 85.1                          | 89.8                    | 76.0                   | 83.3                  | +0.8   | 6.28      | 9.26            | -2.98      | 19.4                     | 17.5                            | +1.9       | 4.81            | 4.39            |
| North Bengal                | 103.1                          | 83.7                          | 93.7                    | 73.7                   | 81.7                  | -1.3   | 6.40      | 6.93            | -0.53      | 14.3                     | 11.3                            | +3.0       | 7.00            | 3.99            |
| North Bihar                 | 103.3                          | 84.5                          | 93.9                    | 74.6                   | 84.3                  | -1.5   | 3.29      | 3.31            | -0.02      | 6.4                      | 5.0                             | +1.4       | 3.10            | 1.70            |
| South Bihar                 | 113.3                          | 86.0                          | 100.1                   | 77.2                   | 89.7                  | +1.1   | 1.43      | 2.41            | -0.98      | 3.7                      | 4.2                             | -0.5       | 1.25            | 1.00            |
| Central Nagpur              | 107.6                          | 83.7                          | 101.2                   | 75.7                   | 88.5                  | +3.0   | 1.16      | 3.04            | -1.88      | 4.1                      | 6.1                             | -2.0       | 0.50            | 1.25            |
| Assam                       | 95.6                           | 83.4                          | 89.5                    | 71.8                   | 78.6                  | -0.8   | ...       | ...             | ...        | ...                      | ...                             | ...        | ...             | ...             |

\* Chyabasa not included.

METEOROLOGICAL OFFICE, BENGAL,  
The 11th June 1888.

ALEXANDER FRODER,  
Off. Meteorological Reporter to the Govt. of Bengal.



**Results of the Meteorological Observations taken at the Alipore Observatory from 3rd to 9th June 1888.**

| Month. | Day. | Maximum in sun. | Number of hours of bright sunshine. | Mean pressure barometer at 29° Fahr. | TEMPERATURE. |          |        |          | HYGROMETRY.    |                 |            |           | WIND.                 |                 | Rain.         | Weather.                       |
|--------|------|-----------------|-------------------------------------|--------------------------------------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|-----------------------|-----------------|---------------|--------------------------------|
|        |      |                 |                                     |                                      | Mean.        | Maximum. | Range. | Minimum. | Mean wet bulb. | Vapour tension. | Dew point. | Humidity. | Prevailing direction. | Miles recorded. |               |                                |
| 1888.  |      |                 |                                     | Inches.                              |              |          |        |          |                | Inches.         |            | %         |                       |                 | Inches.       |                                |
| June   | 3rd  | 149.5           | 8.9                                 | 29.532                               | 84.0         | 93.0     | 20.7   | 72.9     | 78.9           | 0.925           | 76.9       | 80        | SSW, SW and variable. | 122             | 0.88          | Chiefly cloudy, a, g, p, t, <. |
| "      | 4th  | 151.3           | 9.5                                 | 537                                  | 85.2         | 95.4     | 17.7   | 77.7     | 80.2           | 967             | 78.2       | 80        | SE by S and variable. | 80              | Nil           | Chiefly cloudy, a.             |
| "      | 5th  | 149.5           | 2.8                                 | 529                                  | 86.0         | 92.4     | 13.9   | 78.5     | 80.3           | 960             | 78.0       | 77        | SSW and SW            | 131             | .....         | Chiefly cloudy.                |
| "      | 6th  | 145.3           | 0.3                                 | 557                                  | 83.5         | 92.0     | 18.5   | 73.5     | 78.0           | 929             | 77.0       | 81        | SSE and variable      | 138             | 0.40          | Cloudy, a, k, d, p.            |
| "      | 7th  | 148.9           | 5.7                                 | 584                                  | 86.5         | 94.1     | 18.4   | 75.7     | 80.6           | 967             | 78.2       | 77        | SSW and SSE           | 127             | Nil           | Chiefly cloudy.                |
| "      | 8th  | 152.7           | 9.2                                 | 581                                  | 86.4         | 93.9     | 13.0   | 80.9     | 80.7           | 977             | 78.5       | 78        | SSE, S and variable   | 128             | Not measured. | Chiefly cloudy, a, d, t.       |
| "      | 9th  | 139.3           | 1.0                                 | 555                                  | 85.3         | 91.8     | 14.3   | 77.6     | 79.9           | 961             | 77.7       | 79        | N by E and variable   | 62              | Nil           | Chiefly cloudy.                |

|  |     |     |     |         |
|--|-----|-----|-----|---------|
| The mean pressure of the seven days  | ... | ... | ... | Inches. |
| The average pressure of the corresponding period for 24 years, S. G.'s Office                      | ... | ... | ... | 29.555  |
| The total number of hours of bright sunshine   | ... | ... | ... | Hours.  |
| The maximum possible number of hours of sunshine   | ... | ... | ... | 37.4    |
| The mean temperature of the seven days   | ... | ... | ... | 85.3    |
| The average temperature of the corresponding period for 24 years, S. G.'s Office                   | ... | ... | ... | 86.1    |
| The extreme variation of temperature   | ... | ... | ... | 22.5    |
| The maximum temperature  | ... | ... | ... | 95.4    |
| The highest velocity of the wind in one hour   | ... | ... | ... | Miles.  |
| The highest pressure of wind on one square foot  | ... | ... | ... | lbs.    |
| The mean relative humidity   | ... | ... | ... | %       |
| The average relative humidity of the corresponding period for 24 years, S. G.'s Office             | ... | ... | ... | 79      |
| The total fall of rain from 3rd to 9th June 1888   | ... | ... | ... | Inches. |
| The average fall of the corresponding period for 24 years, S. G.'s Office                          | ... | ... | ... | 1.57    |
| The total fall from 1st January to 9th June 1888   | ... | ... | ... | 2.85    |
| The average fall of the corresponding period for 24 years, S. G.'s Office                          | ... | ... | ... | 14.73   |
| The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. | ... | ... | ... | 12.34   |

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

c overcast, g gloomy, p passing temporary showers, t thunder, d drizzling rain, < lightning.

A. PEDLER,

For Off. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT OF INDIA;

Calcutta, the 11th June 1888.





## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 8th of June 1888.

| Meteorological division. | District.       | Station.        | RAINFALL.           |                   |                   |                    |                      |                     |                   | TOTAL.                |                   | Total rain-fall since 1st of month. | Average total rain-fall from 1st of month. | Total rain-fall since 15th May. | Average rainfall from 15th May to date. |
|--------------------------|-----------------|-----------------|---------------------|-------------------|-------------------|--------------------|----------------------|---------------------|-------------------|-----------------------|-------------------|-------------------------------------|--|---------------------------------|---|
|                          |                 |                 | Saturday, 1st June. | Sunday, 2nd June. | Monday, 3rd June. | Tuesday, 4th June. | Wednesday, 5th June. | Thursday, 6th June. | Friday, 7th June. | Number of rainy days. | of Rainfall week. |                                     |  |                                 |   |
| SOUTH-WEST BENGAL.       | Pooree          | Pooree          | 0.08                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.18                | 0.20              | 2                     | 0.21              | 0.21                                | 1.05                                       | 0.37                            | 2.48                                    |
|                          |                 | Khurdah         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.19                                       | 1.21                            | 2.43                                    |
|                          |                 | Banpur          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.19                                       | 1.21                            | 2.43                                    |
|                          |                 | Paise Point     | 0.14                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 2                     | 0.14              | 0.14                                | 1.10                                       | 1.30                            | 2.40                                    |
|                          |                 | Top Pipri       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.10                                       | 1.30                            | 2.40                                    |
|                          | Cuttack         | Ingatinspore    | 0.05                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.20              | 2                     | 0.25              | 1.18                                | 0.61                                       | 2.00                            | 1.00                                    |
|                          |                 | Cuttack         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Kendrapara      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bajpur          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Dharmasala      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Balasore        | Chandbali       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bhuddruck       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Sorab           | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Balasore        | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Haripodab       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Midnapore       | Contai          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Rangor Island   | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Tumlook         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Midnapore       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Chital          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
| SOUTH-EAST BENGAL.       | Diamond Harbour | Diamond Harbour | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Gunning Tug     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Alipore Jail    | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Barackpore      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Dum Dum         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Howrah          | Howrah          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Mohorek         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | (Ochoberia)     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Howrah          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Howrah          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Hooghly         | Hooghly         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Hooghly         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Hooghly         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Hooghly         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Hooghly         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Burdwan         | Burdwan         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Burdwan         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Burdwan         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Burdwan         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Burdwan         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
| SOUTH-EAST BENGAL.       | Bankura         | Bankura         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bankura         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bankura         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bankura         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bankura         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Bardhaman       | Bardhaman       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bardhaman       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bardhaman       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bardhaman       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bardhaman       | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Nuddea          | Nuddea          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Nuddea          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Nuddea          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Nuddea          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Nuddea          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Kusumia         | Kusumia         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Kusumia         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Kusumia         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Kusumia         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Kusumia         | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Jangra          | Jangra          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Jangra          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Jangra          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Jangra          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Jangra          | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Mooresabad      | Mooresabad      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Mooresabad      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Mooresabad      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Mooresabad      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Mooresabad      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Chittagong      | Chittagong      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Chittagong      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Chittagong      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Chittagong      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Chittagong      | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          | Bachlangung     | Bachlangung     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bachlangung     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bachlangung     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bachlangung     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |
|                          |                 | Bachlangung     | 0.00                | 0.00              | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0                     | 0.00              | 0.00                                | 1.18                                       | 2.00                            | 1.00                                    |

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 8th of June 1888—contd.

| Meteorological Division. | District.      | Station.        | RAINFALL.          |                   |                    |                      |                     |                   |                     |                       | TOTAL.         |      | Total rainfall since 1st of month. | Average total rainfall from 1st of month. | Total rainfall since 1st May. | Average rainfall from 1st May to date. |
|--------------------------|----------------|-----------------|--------------------|-------------------|--------------------|----------------------|---------------------|-------------------|---------------------|-----------------------|----------------|------|------------------------------------|---|-------------------------------|--|
|                          |                |                 | Sunday, 30th June. | Monday, 1st July. | Tuesday, 2nd July. | Wednesday, 3rd July. | Thursday, 4th July. | Friday, 5th July. | Saturday, 6th July. | Number of rainy days. | Rainfall week. |      |                                    |   |                               |  |
| NORTH-BENGAL.            | Burdwan.       | Gourmadda ...   | 0.51               | 0.25              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.76           | 1.34 | 1.34                               | 0.76                                      | 0.17                          | 0.17                                   |
|                          |                | Banskhali ...   | 0.17               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.17           | 0.17 | 0.17                               | 0.17                                      | 0.17                          | 0.17                                   |
|                          |                | Baranpore ...   | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Farrukhabad.   | Baranpore ...   | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Farrukhabad ... | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Baranpore ...   | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Dacca.         | Munshiganj ...  | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Dacca ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Munshiganj ...  | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Hill Tipperah. | Agartala ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Tipperah ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Tipperah ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
| CENTRAL-BENGAL.          | Hymen Singh.   | Kishoreganj ... | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Hymen Singh ... | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Hymen Singh ... | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Fulbari.       | Fulbari ...     | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Fulbari ...     | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Fulbari ...     | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Bogra.         | Bogra ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Bogra ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Bogra ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Rajshahi.      | Rajshahi ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Rajshahi ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Rajshahi ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
| SOUTH-BENGAL.            | Malda.         | Malda ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Malda ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Malda ...       | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Dinapore.      | Dinapore ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Dinapore ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Dinapore ...    | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Rangpur.       | Rangpur ...     | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Rangpur ...     | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Rangpur ...     | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          | Jalpaiguri.    | Jalpaiguri ...  | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Jalpaiguri ...  | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |
|                          |                | Jalpaiguri ...  | 0.00               | 0.00              | 0.00               | 0.00                 | 0.00                | 0.00              | 0.00                | 0                     | 0.00           | 0.00 | 0.00                               | 0.00                                      | 0.00                          | 0.00                                   |

Statement of Rainfall in Bengal for the week ending Friday (3 p.m.), the 8th of June 1888—*contd.*

| Meteorological Station. | District.           | Station.        | RAINFALL.           |                   |                   |                    |                      |                     |                   | TOTAL.                |                   | Total rain fall since 1st of month. | Average total rain (a) from 1st of month. | Total rain fall since 1st of May. | Average rainfall from 1st May to date. |
|-------------------------|---------------------|-----------------|---------------------|-------------------|-------------------|--------------------|----------------------|---------------------|-------------------|-----------------------|-------------------|-------------------------------------|---|-----------------------------------|--|
|                         |                     |                 | Saturday, 2nd June. | Sunday, 3rd June. | Monday, 4th June. | Tuesday, 5th June. | Wednesday, 6th June. | Thursday, 7th June. | Friday, 8th June. | Number of rainy days. | of rainfall week. |                                     |   |                                   |  |
| NORTH BENGAL—continued. | Saran.              | Gopalganj...    | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Barh...         | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
| SOUTH BENGAL.           | Bhadrabad.          | Bhadrabad...    | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Bhadrabad...    | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Gya.                | Ahmednagar...   | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Ahmednagar...   | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Patna.              | Patna...        | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Patna...        | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Monghyr.            | Bogota...       | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Bogota...       | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | South Bhagalpore.   | Shahjahanpur... | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Shahjahanpur... | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Benthal Pergunnahs. | Kajmahal...     | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Kajmahal...     | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
| SOUTH NAGPUR.           | Bharatpur.          | Paonamba...     | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Paonamba...     | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Lohardugga.         | Lohardugga...   | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Lohardugga...   | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Bhagaboom.          | Chakradhar...   | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Chakradhar...   | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         | Munaboom.           | Purulia...      | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |
|                         |                     | Purulia...      | 0.75                | 0.81              | 0.75              | 0.75               | 0.75                 | 0.75                | 0.75              | 1                     | 1.43              | 1.43                                | 0.21                                      | 1.64                              | 1.64                                   |

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 8th June 1888.

**SUMMARY OF METEOROLOGICAL AND RAINFALL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS  
TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 8TH OF  
JUNE 1888.**

At the close of the previous week the meteorological conditions generally were normal for the period just previous to the commencement of the monsoon rains in Bengal. Hot weather conditions but with rather moist winds, and frequent local storms with rain, obtained in Bengal, and over the south and centre of the Bay the monsoon winds had made good progress. The monsoon current then blowing over this area represented the third strong advance of these winds which had taken place this year from the south of the Bay, and this advance was decidedly the most powerful and pronounced of the three. This advance had been shown from the 27th of May by the very strong winds which had been blowing at the Ceylon stations, and on June 1st, or the last day of the previous week, the advance had reached well into the centre of the Bay, and there were no indications of any definite storm having formed in front of the advance. On the 2nd of June, however, there was a decided fall of pressure at the central stations on the east coast of the Bay, while wind directions showed rather strong indraught towards the sea area. It was clear on this day that a small cyclonic storm was forming to the north-west of the Andaman Islands. On the morning of the 3rd the small storm had developed somewhat rapidly, and it existed as a well-defined, though rather small, storm off the Pegu Coast. On this day weather was probably rather stormy to the east of the centre of the Bay, and strong winds were reported in Burma at the neighbouring stations of Diamond Island and Bassoon. The small storm then commenced to move in a north-westerly direction, and on the 4th of June it was in the centre of the Bay, and apparently advancing towards the Orissa coast. On this day also it is probable that the storm was of moderate intensity, though there were indications that it was even then of less intensity than it had been on the previous day. The special four-hourly observations made at some of the principal stations at the head of the Bay, which had been called for, showed that from 8 A.M. of the 4th, and particularly during the night of this day, the storm gradually became more and more feeble till, on approaching the coast on the morning of the 5th, it had ceased to exist as a definite storm, and its place was taken by a diffused disturbance of little importance, which gradually drifted over Orissa and the head of the Bay, giving moderate rain only. On the 6th, pressure continued to fall over South-West Bengal and Orissa, owing probably to the continued feeble existence of the depression, but after this date it disappeared, and ceased to affect the weather of the province. With its disappearance a moderately strong south-easterly current set in over the greater part of the province, and moderate rain fell in all districts except South Behar and Chutia Nagpur. Even up to the close of the week, however, the true rains cannot be said to have broken in Bengal, for the rainfall brought up by the moist wind current blowing has generally accompanied local storms; and though south-easterly and easterly winds have been reported over a large part of the province, still north-westerly and westerly winds have been blowing at the western stations in Behar and Chutia Nagpur. By the actions above described, however, fairly frequent rain showers have been received in all districts of the province except parts of Chutia Nagpur and South Behar. In the Bay during the week weather has probably been squally, and for one or two days perhaps stormy in the central and eastern parts.

*Pressure.*—From the preceding description of the meteorology of the week, it will be seen that pressure has been necessarily low in the districts of Orissa and South-West Bengal. At False Point indeed the mean pressure for the week has been below the normal by 0.043 inch, and at Saigor Island by 0.040 inch, but the general defect of pressure over the whole province has been 0.019 inch; and at such stations as Durbhanga the mean pressure for the week has been actually above the normal. In Assam, pressure has been below the normal by 0.023 inch.

*Temperature.*—Has been above the normal in East Bengal, and elsewhere it has been below it; the defect equalling 2° in South Behar and nearly 4° in North Behar. For the whole province temperature has been below the normal by 1.2°. In Assam the defect has only been 0.7°.

*Rainfall.*—Has been slightly above the usual fall for the period in South-West Bengal and in Behar; it has been below it by moderate amounts in Orissa, North Bengal and Chutia Nagpur; while in East Bengal the defect has been rather large. The general rainfall in South-West and North Bengal has averaged between two and three inches; in East Bengal and North Behar it has averaged from one to two inches; while in Orissa, South Behar and Chutia Nagpur it has varied from about half an inch to an inch.



\* The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 8th of June 1888 :—

| METEOROLOGICAL<br>DIVISIONS. | TEMPERATURE.                  |                              |                         |                        |                       |          |  | RAINFALL.       |            |                         |                                |            |          |                     |          |                   |  |
|------------------------------|-------------------------------|------------------------------|-------------------------|------------------------|-----------------------|----------|--|-----------------|------------|-------------------------|--------------------------------|------------|----------|---------------------|----------|-------------------|--|
|                              | Highest observed during week. | Lowest observed during week. | Averages for week.      |                        |                       |          | Average north of week above & below normal mean of week. | of week.        |            |                         | Rain days.                     |            |          | Since 1st of month. |          | Since 1st of May. |  |
|                              |                               |                              | Of highest of each day. | Of lowest of each day. | Of mean for each day. | Average. |  | Normal average. | At 11 a.m. | Average number in week. | Normal average number in week. | Variation. | Average. | Normal average.     | Average. | Normal average.   |  |
|                              |                               |                              |                         |                        |                       |          |  |                 |            |                         |                                |            |          |                     |          |                   |  |
|                              |                               |                              |                         |                        |                       |          |  |                 |            |                         |                                |            |          |                     |          |                   |  |
| Orissa                       | 108.4                         | 71.8                         | 85.3                    | 80.2                   | 85.7                  | -0.8     | 0.86   | 1.23            | -0.13      | 1.4                     | +0.0                           | 0.71       | 1.36     | 3.23                | 3.5      |                   |  |
| South-West Bengal            | 103.6                         | 70.6                         | 85.6                    | 77.2                   | 80.4                  | -1.0     | 2.45   | 2.08            | +0.37      | 3.5                     | +0.0                           | 2.56       | 2.30     | 4.75                | 6.0      |                   |  |
| East Bengal                  | 100.7                         | 72.6                         | 85.7                    | 77.1                   | 83.4                  | +1.3     | 1.00   | 3.00            | -2.35      | 3.0                     | -0.0                           | 2.29       | 4.50     | 2.78                | 3.8      |                   |  |
| North Bengal                 | 100.6                         | 67.7                         | 80.6                    | 74.8                   | 82.2                  | -1.0     | 2.73   | 3.23            | -0.50      | 3.1                     | 0                              | 2.07       | 3.78     | 3.83                | 4.8      |                   |  |
| North Bihar                  | 100.8                         | 70.8                         | 80.8                    | 76.8                   | 83.3                  | -3.0     | 1.40   | 0.84            | +0.56      | 2.3                     | +1.1                           | 1.05       | 0.89     | 4.98                | 3.7      |                   |  |
| South Bihar                  | 108.4                         | 74.0                         | 87.1                    | 78.2                   | 87.7                  | -2.1     | 0.70   | 0.01            | +0.69      | 1.8                     | +0.6                           | 0.12       | 0.68     | 2.28                | 2.2      |                   |  |
| Chusan Bagpur                | 102.0                         | 71.4                         | 87.4                    | 75.8                   | 88.5                  | -0.8     | 0.48   | 0.85            | -0.37      | 1.6                     | -0.3                           | 0.54       | 0.00     | 1.52                | 2.7      |                   |  |
| Amam                         | 103.0                         | 70.3                         | 88.4                    | 74.7                   | 81.0                  | -0.7     |  |                 |            |                         |                                |            |          |                     |          |                   |  |

\* OLYMPIAN NOT INCLUDED.

METEOROLOGICAL OFFICE, BENGAL;  
The 12th June 1888.

A. PEDLER,  
Offg. Meteorological Reporter to the Govt. of Bengal.

### Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 3rd to 9th June 1888.

| MONTH. | Date. | TEMPERATURE. |          |        |          | Mean wet bulb. | HYGROMETRY.     |            |           | Rain.   |
|--------|-------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|---------|
|        |       | Mean.        | Maximum. | Range. | Minimum. |                | Vapour tension. | Dew point. | Humidity. |         |
| 1888.  |       |              |          |        |          |                | Inches.         |            | %         | Inches. |
| June   | 3rd   | 83.6         | 96.3     | 22.5   | 73.8     | 79.7           | .962            | 78.1       | 83        | 0.26    |
| "      | 4th   | 87.0         | 97.0     | 17.7   | 79.8     | 83.0           | 1.076           | 81.5       | 84        | 1.08    |
| "      | 5th   | 88.0         | 96.0     | 15.2   | 70.8     | 80.2           | .954            | 77.8       | 77        |         |
| "      | 6th   | 80.8         | 94.0     | 19.2   | 74.8     | 78.4           | .981            | 77.4       | 89        | 0.79    |
| "      | 7th   | 86.3         | 90.8     | 20.2   | 76.6     | 80.8           | .981            | 78.7       | 79        | 0.08    |
| "      | 8th   | 85.2         | 97.0     | 15.6   | 81.4     | 82.0           | 1.051           | 80.7       | 87        | 0.17    |
| "      | 9th   | 83.6         | 97.5     | 19.5   | 78.0     | 79.5           | .954            | 77.8       | 83        | 0.00    |

The mean temperature of the seven days ... 84.6  
The extreme variation of temperature ... 23.7  
The maximum temperature ... 97.6

The mean relative humidity ... 83  
Inches

The total fall of rain from 3rd to 9th June 1888 ... 2.42

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;  
The 11th June 1888.

A. PEDLER,  
For Offg. Meteorological Reporter to the Govt. of India.



**MEMORANDUM.**

The subjoined table presents the vital statistics of the principal Municipalities in Bengal for the week ending 26th May 1888. The results to be gathered from it, contrasted with those of the preceding week ending 19th May, are the following:—

1. Births and deaths were registered at the following rates:—

|        |     |     |     |     |     | Ratio per mille for weeks ending— |                |
|--------|-----|-----|-----|-----|-----|-----------------------------------|----------------|
|        |     |     |     |     |     | 26th May 1888.                    | 19th May 1888. |
| Births | ... | ... | ... | ... | ... | 18.4                              | 20.0           |
| Deaths | ... | ... | ... | ... | ... | 22.6                              | 24.2           |

indicating a retrogression in the registration of both the casualties.

2. In the following Municipalities births and deaths occurred at the highest rates:—

| Births.      |     |     |                  | Deaths.             |     |     |                  |
|--------------|-----|-----|------------------|---------------------|-----|-----|------------------|
|              |     |     |                  |                     |     |     |                  |
|              |     |     | Ratio per mille. |                     |     |     | Ratio per mille. |
| Narsinjanj   | ... | ... | 45.8             | Utterpara           | ... | ... | 37.7             |
| Monghyr      | ... | ... | 36.2             | Suburbs of Calcutta | ... | ... | 34.8             |
| Bhagulpore   | ... | ... | 33.5             | Gya                 | ... | ... | 34.8             |
| Mozufferpore | ... | ... | 32.8             | Kishnaghur          | ... | ... | 34.1             |
| Comillah     | ... | ... | 30.8             | Bhagulpore          | ... | ... | 32.6             |
|              |     |     |                  | Durbhanga           | ... | ... | 32.3             |
|              |     |     |                  | Chittagong          | ... | ... | 30.5             |

3. From the figures in the following table it appears that during the week under notice, the mortality from cholera and fever had declined sensibly, and that there were no marked differences in fatal results from the rest of the death-causes:—

|                  |     |     |     |     |     | Ratio per mille during the weeks ending— |                |
|------------------|-----|-----|-----|-----|-----|--|----------------|
|                  |     |     |     |     |     | 26th May 1888.                           | 19th May 1888. |
| Cholera          | ... | ... | ... | ... | ... | 3.6                                      | 4.6            |
| Small-pox        | ... | ... | ... | ... | ... | .03                                      | 1              |
| Fever            | ... | ... | ... | ... | ... | 8.7                                      | 9.9            |
| Bowel-complaints | ... | ... | ... | ... | ... | 3.0                                      | 2.7            |
| Injury           | ... | ... | ... | ... | ... | .7                                       | .6             |
| Other causes     | ... | ... | ... | ... | ... | 6.5                                      | 6.4            |

4. Of the diseases mentioned above, while fever proved noticeably fatal in the Kishnaghur Municipality, viz., at the rate of 24.6 per 1,000 of population, and small-pox, bowel-complaints and injury exhibited only normal fatality, cholera and the maladies recorded under the head of "Other causes" caused the highest mortality in the following Municipalities:—

| Cholera.            |     |     |                  | Other causes. |     |     |                  |
|---------------------|-----|-----|------------------|---------------|-----|-----|------------------|
|                     |     |     |                  |               |     |     |                  |
|                     |     |     | Ratio per mille. |               |     |     | Ratio per mille. |
| Suburbs of Calcutta | ... | ... | 9.6              | Utterpara     | ... | ... | 28.3             |
| Chittagong          | ... | ... | 7.0              | Mozufferpore  | ... | ... | 14.0             |
| Hughli              | ... | ... | 5.4              | Bhagulpore    | ... | ... | 12.7             |
| Durbhanga           | ... | ... | 4.7              | Gya           | ... | ... | 12.3             |
| Patna               | ... | ... | 4.2              |               |     |     |                  |
| Gya                 | ... | ... | 2.7              |               |     |     |                  |
| Dacca               | ... | ... | 2.6              |               |     |     |                  |
| Howrah              | ... | ... | 2.3              |               |     |     |                  |

5. In relation to Sex, Class and Age, the mortality of the week was distributed as follows:—

| According to Sex.                                   |                  | According to Class. |                  | According to Age.    |                  |
|---|------------------|---------------------|------------------|----------------------|------------------|
|   | Ratio per mille. |                     | Ratio per mille. |                      | Ratio per mille. |
| Males   | 23.4             | Christians          | 30.4             | Under 1 year         | 171.6            |
| Females   | 21.8             | Hindus              | 21.8             | 1 and under 5 years  | 59.8             |
| Ratio of male deaths to every 100 female deaths 121 |                  | Mahomedans          | 24.7             | 5 " 10 "             | 15.5             |
|   |                  |                     |                  | 10 " 15 "            | 6.8              |
|   |                  |                     |                  | 15 " 20 "            | 16.2             |
|   |                  |                     |                  | 20 " 30 "            | 12.7             |
|   |                  |                     |                  | 30 " 40 "            | 17.8             |
|   |                  |                     |                  | 40 " 50 "            | 19.6             |
|   |                  |                     |                  | 50 " 60 "            | 20.8             |
|   |                  |                     |                  | 60 years and upwards | 42.0             |

R. LIDDKERDALE, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.

Statement showing the Results of the Registrations of Births and Deaths in the Principal Municipalities in Bengal during the week ending 28th May 1934.

| POPULATION.                   |         | BIRTHS.    |          |  |         | DISEASE.  |          |             |                 |             |          |                 |                 |             |   |        |          | SEX.  |   |     |
|-------------------------------|---------|------------|----------|--|---------|---|----------|-------------|-----------------|-------------|----------|-----------------|-----------------|-------------|---|--------|----------|---|---|-----|
| NAME OF MUNICIPAL-<br>PACITY. | Total.  | NUMBER OF- |          | RATIO PER 1,000<br>OF POPULATION<br>PER ANNUM. |         | Ratio of male<br>births to every<br>100 female<br>births. | DISEASE. |             |                 |             |          |                 |                 |             |   |        |          |   | Ratio of male<br>deaths to every<br>100 female<br>deaths. |     |
|                               |         | Males.     | Females. | Total.   | Female. |   | Measles. | Scarlatina. | Whooping-cough. | Diphtheria. | Cholera. | Hepatic-typhus. | Other diseases. | All causes. | Ratio of deaths per 1,000 of<br>population per annum in<br>the previous week. | Males. | Females. | RATIO PER<br>1,000 OF<br>POPULATION<br>PER ANNUM. |   |     |
| Bombay                        | 18,485  | 10,017     | 24,430   | 10   | 10      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Mumbai                        | 18,427  | 14,833     | 33,260   | 9  | 11      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Highland and Chinchub         | 18,758  | 14,716     | 33,472   | 8  | 15      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 18,450  | 12,887     | 34,336   | 4  | 10      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Uttara                        | 8,046   | 2,425      | 15,310   | 3  | 5       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Baroda                        | 12,185  | 37,890     | 90,212   | 19   | 49      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bar                           | 7,128   | 9,779      | 14,815   | 3  | 5       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Suburb of Calcutta            | 147,803 | 144,354    | 321,459  | 40   | 81      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Kanpur                        | 12,003  | 14,514     | 37,577   | 3  | 1       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 4,000   | 4,485      | 9,485    | 1  | 1       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 13,746  | 18,970     | 32,637   | 3  | 1       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Jaipur                        | 4,120   | 3,465      | 6,465    | 2  | 2       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 14,744  | 8,025      | 18,762   | 3  | 3       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 5,980   | 2,547      | 7,776    | 1  | 1       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 42,728  | 37,579     | 90,161   | 11   | 11      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 7,000   | 4,856      | 12,001   | 9  | 3       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 12,300  | 7,790      | 22,120   | 3  | 2       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 8,185   | 13,805     | 22,000   | 3  | 3       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 78,762  | 100,257    | 180,000  | 20   | 21      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 30,300  | 27,831     | 72,131   | 15   | 16      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 34,000  | 27,405     | 61,405   | 8  | 10      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 32,004  | 14,000     | 46,004   | 17   | 10      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 32,774  | 30,322     | 63,096   | 17   | 16      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 25,314  | 27,220     | 52,534   | 3  | 3       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 22,440  | 27,412     | 57,462   | 11   | 14      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 34,135  | 39,300     | 77,350   | 17   | 20      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 1,400   | 4,201      | 12,016   | 1  | 1       | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |
| Bombay                        | 15,571  | 31,303     | 54,764   | 5  | 10      | 100   | ...      | ...         | ...             | ...         | ...      | ...             | ...             | ...         | ...   | ...    | ...      | ...   | ...   | ... |

| MORTALITY ACCORDING TO—                  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| Age.                                     |  |  |  |  |  |  |  |  |  |
| Ratio per 1,000 of population per annum. |  |  |  |  |  |  |  |  |  |
| Deaths.                                  |  |  |  |  |  |  |  |  |  |
| Ratio per 1,000 of population per annum. |  |  |  |  |  |  |  |  |  |
| Under 1 year.                            |  |  |  |  |  |  |  |  |  |
| Under 2 years.                           |  |  |  |  |  |  |  |  |  |
| Under 3 years.                           |  |  |  |  |  |  |  |  |  |
| Under 4 years.                           |  |  |  |  |  |  |  |  |  |
| Under 5 years.                           |  |  |  |  |  |  |  |  |  |
| Under 6 years.                           |  |  |  |  |  |  |  |  |  |
| Under 7 years.                           |  |  |  |  |  |  |  |  |  |
| Under 8 years.                           |  |  |  |  |  |  |  |  |  |
| Under 9 years.                           |  |  |  |  |  |  |  |  |  |
| Under 10 years.                          |  |  |  |  |  |  |  |  |  |
| Under 11 years.                          |  |  |  |  |  |  |  |  |  |
| Under 12 years.                          |  |  |  |  |  |  |  |  |  |
| Under 13 years.                          |  |  |  |  |  |  |  |  |  |
| Under 14 years.                          |  |  |  |  |  |  |  |  |  |
| Under 15 years.                          |  |  |  |  |  |  |  |  |  |
| Under 16 years.                          |  |  |  |  |  |  |  |  |  |
| Under 17 years.                          |  |  |  |  |  |  |  |  |  |
| Under 18 years.                          |  |  |  |  |  |  |  |  |  |
| Under 19 years.                          |  |  |  |  |  |  |  |  |  |
| Under 20 years.                          |  |  |  |  |  |  |  |  |  |
| Under 21 years.                          |  |  |  |  |  |  |  |  |  |
| Under 22 years.                          |  |  |  |  |  |  |  |  |  |
| Under 23 years.                          |  |  |  |  |  |  |  |  |  |
| Under 24 years.                          |  |  |  |  |  |  |  |  |  |
| Under 25 years.                          |  |  |  |  |  |  |  |  |  |
| Under 26 years.                          |  |  |  |  |  |  |  |  |  |
| Under 27 years.                          |  |  |  |  |  |  |  |  |  |
| Under 28 years.                          |  |  |  |  |  |  |  |  |  |
| Under 29 years.                          |  |  |  |  |  |  |  |  |  |
| Under 30 years.                          |  |  |  |  |  |  |  |  |  |
| Under 31 years.                          |  |  |  |  |  |  |  |  |  |
| Under 32 years.                          |  |  |  |  |  |  |  |  |  |
| Under 33 years.                          |  |  |  |  |  |  |  |  |  |
| Under 34 years.                          |  |  |  |  |  |  |  |  |  |
| Under 35 years.                          |  |  |  |  |  |  |  |  |  |
| Under 36 years.                          |  |  |  |  |  |  |  |  |  |
| Under 37 years.                          |  |  |  |  |  |  |  |  |  |
| Under 38 years.                          |  |  |  |  |  |  |  |  |  |
| Under 39 years.                          |  |  |  |  |  |  |  |  |  |
| Under 40 years.                          |  |  |  |  |  |  |  |  |  |
| Under 41 years.                          |  |  |  |  |  |  |  |  |  |
| Under 42 years.                          |  |  |  |  |  |  |  |  |  |
| Under 43 years.                          |  |  |  |  |  |  |  |  |  |
| Under 44 years.                          |  |  |  |  |  |  |  |  |  |
| Under 45 years.                          |  |  |  |  |  |  |  |  |  |
| Under 46 years.                          |  |  |  |  |  |  |  |  |  |
| Under 47 years.                          |  |  |  |  |  |  |  |  |  |
| Under 48 years.                          |  |  |  |  |  |  |  |  |  |
| Under 49 years.                          |  |  |  |  |  |  |  |  |  |
| Under 50 years.                          |  |  |  |  |  |  |  |  |  |
| Under 51 years.                          |  |  |  |  |  |  |  |  |  |
| Under 52 years.                          |  |  |  |  |  |  |  |  |  |
| Under 53 years.                          |  |  |  |  |  |  |  |  |  |
| Under 54 years.                          |  |  |  |  |  |  |  |  |  |
| Under 55 years.                          |  |  |  |  |  |  |  |  |  |
| Under 56 years.                          |  |  |  |  |  |  |  |  |  |
| Under 57 years.                          |  |  |  |  |  |  |  |  |  |
| Under 58 years.                          |  |  |  |  |  |  |  |  |  |
| Under 59 years.                          |  |  |  |  |  |  |  |  |  |
| Under 60 years.                          |  |  |  |  |  |  |  |  |  |
| Under 61 years.                          |  |  |  |  |  |  |  |  |  |
| Under 62 years.                          |  |  |  |  |  |  |  |  |  |
| Under 63 years.                          |  |  |  |  |  |  |  |  |  |
| Under 64 years.                          |  |  |  |  |  |  |  |  |  |
| Under 65 years.                          |  |  |  |  |  |  |  |  |  |
| Under 66 years.                          |  |  |  |  |  |  |  |  |  |
| Under 67 years.                          |  |  |  |  |  |  |  |  |  |
| Under 68 years.                          |  |  |  |  |  |  |  |  |  |
| Under 69 years.                          |  |  |  |  |  |  |  |  |  |
| Under 70 years.                          |  |  |  |  |  |  |  |  |  |
| Under 71 years.                          |  |  |  |  |  |  |  |  |  |
| Under 72 years.                          |  |  |  |  |  |  |  |  |  |
| Under 73 years.                          |  |  |  |  |  |  |  |  |  |
| Under 74 years.                          |  |  |  |  |  |  |  |  |  |
| Under 75 years.                          |  |  |  |  |  |  |  |  |  |
| Under 76 years.                          |  |  |  |  |  |  |  |  |  |
| Under 77 years.                          |  |  |  |  |  |  |  |  |  |
| Under 78 years.                          |  |  |  |  |  |  |  |  |  |
| Under 79 years.                          |  |  |  |  |  |  |  |  |  |
| Under 80 years.                          |  |  |  |  |  |  |  |  |  |
| Under 81 years.                          |  |  |  |  |  |  |  |  |  |
| Under 82 years.                          |  |  |  |  |  |  |  |  |  |
| Under 83 years.                          |  |  |  |  |  |  |  |  |  |
| Under 84 years.                          |  |  |  |  |  |  |  |  |  |
| Under 85 years.                          |  |  |  |  |  |  |  |  |  |
| Under 86 years.                          |  |  |  |  |  |  |  |  |  |
| Under 87 years.                          |  |  |  |  |  |  |  |  |  |
| Under 88 years.                          |  |  |  |  |  |  |  |  |  |
| Under 89 years.                          |  |  |  |  |  |  |  |  |  |
| Under 90 years.                          |  |  |  |  |  |  |  |  |  |
| Under 91 years.                          |  |  |  |  |  |  |  |  |  |
| Under 92 years.                          |  |  |  |  |  |  |  |  |  |
| Under 93 years.                          |  |  |  |  |  |  |  |  |  |
| Under 94 years.                          |  |  |  |  |  |  |  |  |  |
| Under 95 years.                          |  |  |  |  |  |  |  |  |  |
| Under 96 years.                          |  |  |  |  |  |  |  |  |  |
| Under 97 years.                          |  |  |  |  |  |  |  |  |  |
| Under 98 years.                          |  |  |  |  |  |  |  |  |  |
| Under 99 years.                          |  |  |  |  |  |  |  |  |  |
| Under 100 years.                         |  |  |  |  |  |  |  |  |  |

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

## SOUTH-WESTERN CIRCLE.

## CALCUTTA AND EASTERN CANALS.

Statement showing Quantities of Goods carried during the month of April 1888.

| Number of boats or rafts.                  | DESCRIPTION.                      | TOTAL GOVERNMENT AND PRIVATE. |            |           |   | PRIVATE.   |           | REMARKS.                    |
|--|-----------------------------------|-------------------------------|------------|-----------|---|--|-----------|-----------------------------|
|  |                                   | Quantity—Tons.                |            | Value.    | Quantity.                               | Value.   |           |                             |
|  |                                   | Up.                           | Down.      |           |   |  | Rupess.   |                             |
| 702  | 1. Grain                          | 12,436                        | 1          | 12,437    | 9,42,831                                | 12,437   | 9,42,831  | * For detail see next page. |
| 76   | 2. Cotton                         | 717                           | 27         | 744       | 82,062                                  | 744  | 82,062    |                             |
| 186  | 3. Oilseeds                       | 535                           | 2,167      | 2,702     | 2,64,862                                | 2,702  | 2,64,862  |                             |
| 7  | 4. Salt                           | 24                            | 7          | 31        | 9,100                                   | 31   | 9,100     |                             |
| 72   | 5. Piece-goods                    | 2,274                         | 55         | 2,329     | 43,343                                  | 2,329  | 43,343    |                             |
| 1,122                                      | 6. Metal                          | 6,413                         | 637        | 7,050     | 9,20,488                                | 7,050  | 9,20,488  |                             |
| 453  | 7. Building materials             | 8,551                         | 643        | 9,194     | 79,566                                  | 9,194  | 79,566    |                             |
|  | 8. Miscellaneous*                 |                               |            |           |   |  |           |                             |
|  | 9. Fuel                           |                               |            |           |   |  |           |                             |
|  | 10. Timber                        |                               |            |           |   |  |           |                             |
|  | 11. Bamboos                       |                               |            |           |   |  |           |                             |
| 2,618                                      | 12. Total                         | 30,950                        | 3,637      | 34,487    | 23,42,252                               | 34,487   | 23,42,252 |                             |
| 2,819                                      | 13. Total of same month last year | 42,650                        | 4,253      | 46,903    | 29,32,888                               | 46,903   | 29,32,888 |                             |
| 14. Total number of boats plying cargo     |                                   | Up.                           | Down.      | Total.    | Total tollage of month—<br>24 + 25 + 26 |  |           | Rs. A. P.<br>22,199 11 9    |
| 14a. Ditto empty                           |                                   | 2,354                         | 264        | 2,618     |   |  |           |                             |
| 15. Total number of boats plying passenger |                                   | 1,593                         | 393        | 1,986     |   |  |           |                             |
| 15a. Ditto empty                           |                                   | 270                           | 4          | 274       | Total tollage of same month last year   |  |           | 24,077 12 6                 |
| 16. Total registered tonnage, cargo        |                                   | Tons                          | 101,478    | 10,341    | 111,819                                 | Memorandum of Tollage.                           |           |                             |
| 17. Total registered tonnage, passenger    |                                   | Tons                          | 685        | 27        | 712                                     |  |           |                             |
| 18. Ton-mileage                            |                                   |                               | 808,160    | 103,410   | 911,570                                 | Rs. A. P.  |           |                             |
| 19. Estimated value of cargo               |                                   | Rs.                           | 20,40,139  | 3,02,118  | 23,42,252                               | 1. Balance not recovered on the 1st of the month |           |                             |
| 20. Number of passengers                   |                                   | No.                           | 1,292      | 14        | 1,306                                   | 3,888 8  |           |                             |
| 21. Rafts, bamboos                         |                                   | C. ft.                        |            |           |   | 2. Tollage per month                             |           |                             |
| 22. Do., bullocks                          |                                   | "                             |            |           |   | 22,199 11 9                                      |           |                             |
| 23. Estimated value of rafts               |                                   | Rs.                           |            |           |   | 3. Total   |           |                             |
| 24. Tollage on boats                       |                                   | "                             | 19,659-6-0 | 2,540-5-0 | 22,199-11-9                             | 26,088 4 0                                       |           |                             |
| 25. Compounded tollage on boats            |                                   | Rs.                           |            |           |   | 4. Amount paid into treasury during the month    |           |                             |
| 26. Tollage on rafts                       |                                   | "                             |            |           |   | 25,475-15 3                                      |           |                             |
| 27. Total tollage on boats per ton-mile    |                                   | Pies                          |            |           | 4-67                                    | 5. Balance due at the end of the month           |           |                             |
| 28. Ditto on rafts per 100 cubic feet      |                                   | "                             |            |           |   | 612 4 9  |           |                             |

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).  
CALCUTTA AND EASTERN CANALS.

| Number of<br>tons of value. | Description.                     | TOTAL GOVERNMENT AND PRIVATE. |       |        |          | PRIVATE.  |          | Remains. |
|-----------------------------|----------------------------------|-------------------------------|-------|--------|----------|-----------|----------|----------|
|                             |                                  | Quantity—Tons.                |       |        | Value.   | Quantity. | Value.   |          |
|                             |                                  | Up.                           | Down. | Total. | Rupies.  | Tons.     | Rupies.  |          |
| 65                          | (a) Jute ...                     | 1,504                         | ..... | 1,504  | 2,10,625 | 1,504     | 2,10,625 |          |
| 56                          | (b) Jaggery ...                  | 409                           | 88    | 497    | 69,550   | 497       | 69,550   |          |
| 15                          | (c) Sugar ...                    | 61                            | ..... | 61     | 17,150   | 61        | 17,150   |          |
| 3                           | (d) Tobacco ...                  | .....                         | 11    | 11     | 2,400    | 11        | 2,400    |          |
| 321                         | (e) Fish ...                     | 118                           | ..... | 118    | 33,028   | 118       | 33,028   |          |
| 3                           | (f) Hides ...                    | 5                             | ..... | 5      | 1,100    | 5         | 1,100    |          |
| 67                          | (g) Poultry ...                  | 16                            | ..... | 16     | 13,721   | 16        | 13,721   |          |
| 87                          | (h) Hay and straw ...            | 1,397                         | ..... | 1,397  | 29,334   | 1,397     | 29,334   |          |
| 22                          | (i) Oils ...                     | .....                         | 250   | 250    | 35,020   | 250       | 35,020   |          |
| 42                          | (k) Earthenware ...              | 65                            | ..... | 65     | 913      | 65        | 913      |          |
| 441                         | (m) Other miscellane-<br>ous ... | 2,838                         | 288   | 3,126  | 5,07,647 | 3,126     | 5,07,647 |          |
| 1,122                       | Total Miscellaneous...           | 6,413                         | 637   | 7,050  | 9,20,488 | 7,050     | 9,20,488 |          |

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

## SOUTH-WESTERN CIRCLE.

## TOLLY'S NULLAH.

Statement showing quantities of Goods carried during the month of April 1888.

| Number of<br>boats or<br>rafts. | DESCRIPTION.                                      | TOTAL GOVERNMENT AND PRIVATE. |         |                         | PRIVATE.   |                         | REMARKS.   |
|---------------------------------|---|-------------------------------|---------|-------------------------|--|-------------------------|------------|
|                                 |   | Quantity—Tons.                |         | Value.                  | Quantity.  | Value.                  |            |
|                                 |   | Up.                           | Down.   | Rupces.                 | Tons.  | Rupces.                 |            |
| 1,127                           | 1. Grain ...                                      | 6,623                         | .....   | 6,623                   | 4,22,467   | 6,623                   | 4,22,467   |
| 5                               | 2. Cotton ...                                     | 51                            | .....   | 51                      | 25,050   | 51                      | 25,050     |
| 3                               | 3. Oilseeds ...                                   | .....                         | 23      | 23                      | 2,275  | 23                      | 2,275      |
| 52                              | 4. Salt ...                                       | 483                           | 245     | 728                     | 71,312   | 728                     | 71,312     |
| .....                           | 5. Piece-goods ...                                | .....                         | .....   | .....                   | .....  | .....                   | .....      |
| .....                           | 6. Metal ...                                      | .....                         | .....   | .....                   | .....  | .....                   | .....      |
| 370                             | 7. Building materials ...                         | 2,849                         | .....   | 2,849                   | 12,843   | 2,849                   | 12,843     |
| 607                             | 8. Miscellaneous* ...                             | 2,783                         | 80      | 2,863                   | 1,99,088   | 2,863                   | 1,99,088   |
| 230                             | 9. Fuel ...                                       | 3,146                         | .....   | 3,146                   | 27,116   | 3,146                   | 27,116     |
| .....                           | 10. Timber ...                                    | .....                         | .....   | .....                   | .....  | .....                   | .....      |
| 14 rafts.                       | 11. Bamboos ...                                   | 1,250 c.ft.                   | .....   | 1,250 c.ft.             | 156  | 1,250 c.ft.             | 156        |
| 2,454 &<br>14 rafts.            | 12. Total ...                                     | 15,935 &<br>1,250 c.ft.       | 348     | 16,283 &<br>1,250 c.ft. | 7,60,907   | 16,283 &<br>1,250 c.ft. | 7,60,907   |
| 2,502 &<br>8 rafts.             | 13. Total of same<br>month last year ...          | 15,970 &<br>487 No.           | 572 {   | 16,542 {<br>487 No.     | 7,22,140   | 16,542 &<br>487 No.     | 7,72,140   |
|                                 |   | Up.                           | Down.   | Total.                  |  |                         | Rs. A. P.  |
| 14.                             | Total number of boats plying<br>cargo ... No.     | 2,413                         | 41      | 2,454                   | Total tollage of month—<br>24+25+26 ...                    |                         | 8,595 12 1 |
| 14a.                            | Ditto empty ...                                   | 692                           | 86      | 778                     | Total tollage of same month<br>last year ...               |                         | 8,503 0 0  |
| 15.                             | Total number of boats plying<br>passenger ... No. | 219                           | 10      | 229                     | <i>Memorandum of Tollage.</i>                              |                         |            |
| 16.                             | Total registered tonnage,<br>cargo ... Tons       | 54,817                        | 1,340   | 56,157                  |  |                         |            |
| 17.                             | Total registered tonnage,<br>passenger ... Tons   | 495                           | 32      | 527                     |  |                         |            |
| 18.                             | Ton-millage ...                                   | 4,91,115                      | 21,440  | 5,12,555                | 1. Balance not recovered<br>on the 1st of the<br>month ... |                         | 1,562      |
| 19.                             | Estimated value of cargo Rs.                      | 7,82,948                      | 37,803  | 7,60,751                | 2. Tollage per month ...                                   |                         | 8,695 1    |
| 20.                             | Number of passengers No.                          | 1,201                         | 50      | 1,251                   |  |                         |            |
| 21.                             | Rafts, bamboos C. ft.                             | 1,250                         | .....   | 1,250                   |  |                         |            |
| 22.                             | Do., bullahs ...                                  | .....                         | .....   | .....                   | 3. Total ...   |                         | 10,257 14  |
| 23.                             | Estimated value of rafts Rs.                      | 156                           | .....   | 156                     |  |                         |            |
| 24.                             | Tollage on boats ...                              | 8,354-15-9                    | 337-5-0 | 8,692-4-9               |  |                         |            |
| 25.                             | Compounded tollage on<br>boats ... Rs.            | .....                         | .....   | .....                   |  |                         |            |
| 26.                             | Tollage on rafts ...                              | 3-8-0                         | .....   | 3-8-0                   | 4. Amount paid into<br>treasury during the<br>month ...    |                         | 10,088 2   |
| 27.                             | Total tollage on boats per<br>ton-mile Pies       | .....                         | .....   | 3-23                    |  |                         |            |
| 28.                             | Ditto on rafts per 100<br>cubic feet ...          | .....                         | .....   | 0-4-5                   | 5. Balance due at the<br>end of the month ...              |                         | 174 11     |

\* For detail see next page.

## ARTICLES OF TRAFFIC INCLUDED IN ITEM 8. (MISCELLANEOUS).

## TOLLY'S NULLAH.

| Number of<br>boats or<br>rafts. | Description.                     | TOTAL GOVERNMENT AND PRIVATE. |       |        |          | • PRIVATE. |          | Remarks. |
|---------------------------------|----------------------------------|-------------------------------|-------|--------|----------|------------|----------|----------|
|                                 |                                  | Quantity—Tons.                |       |        | Value.   | Quantity.  | Value.   |          |
|                                 |                                  | Up.                           | Down. | Total. | Rupces.  | Tons.      | Rupces.  |          |
| 6                               | (a) Jute ...                     | 55                            | ..... | 55     | 7,025    | 55         | 7,025    |          |
| 57                              | (b) Jaggery ..                   | 366                           | ..... | 366    | 51,210   | 366        | 51,210   |          |
| 2                               | (c) Sugar ...                    | 5                             | ..... | 5      | 1,500    | 5          | 1,500    |          |
| 21                              | (d) Tobacco ...                  | 129                           | 21    | 150    | 33,600   | 150        | 33,600   |          |
| 59                              | (e) Fish ...                     | 19                            | ..... | 19     | 5,387    | 19         | 5,387    |          |
| .....                           | (f) Hides ...                    | .....                         | ..... | .....  | .....    | .....      | .....    |          |
| .....                           | (g) Poultry ...                  | .....                         | ..... | .....  | .....    | .....      | .....    |          |
| 143                             | (h) Hay and straw ..             | 318                           | ..... | 318    | 5,565    | 318        | 5,565    |          |
| 36                              | (j) Oils ..                      | 255                           | 17    | 272    | 38,125   | 272        | 38,125   |          |
| 156                             | (k) Earthenware ...              | 241                           | 2     | 243    | 3,410    | 243        | 3,410    |          |
| 167                             | (m) Other miscellane-<br>ous ... | 1,395                         | 40    | 1,435  | 52,666   | 1,435      | 52,666   |          |
| 667                             | Total Miscellaneous...           | 2,783                         | 80    | 2,863  | 1,09,088 | 2,863      | 1,09,088 |          |

**ABSTRACT FOR THE MONTH OF APRIL 1888, AS COMPARED WITH THE  
CORRESPONDING MONTH OF THE PREVIOUS YEAR.**

|                                 | TRAFFIC, 1887-88. |                      | TRAFFIC, 1887-88. |                      |
|---------------------------------|-------------------|----------------------|-------------------|----------------------|
|                                 | During the month. | To end of the month. | During the month. | To end of the month. |
|                                 | Rs.   A.   P.     | Rs.   A.   P.        | Rs.   A.   P.     | Rs.   A.   P.        |
| Calcutta and Eastern Canals ... | 22,199 11 9       | 22,199 11 9          | 24,077 12 6       | 24,077 12 6          |
| Tolly's Nullah ...              | 8,695 12 9        | 8,695 12 9           | 8,503 0 9         | 8,503 0 9            |
| Total ...                       | 30,895 8 6        | 30,895 8 6           | 32,580 13 3       | 32,580 13 3          |

Calcutta,  
The 11th June 1888.

A. D. McARTHUR, Major, R.E.  
Under-Secretary to the Government of Bengal.



## PUBLIC WORKS DEPARTMENT, BENGAL.

## IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1888-89.

Areas leased for Irrigation up to end of April 1888.

| CIRCLE.  | DIVISION.  | CANAL.  | Esti-<br>mated<br>full dis-<br>charge. | Acreage<br>discharge<br>in month. | C. ft. | C. ft. | Approxi-<br>mate<br>area of<br>land<br>irrigated<br>from the<br>year<br>up to the<br>date of the<br>month. | Five<br>years<br>all crops. | Five<br>years<br>kharif. | DETAILS OF AREAS LEASED. |       |                |                     |               |                 | RAINFALL.        |                           | REMARKS. |                  |                           |
|--|------------|---|--|-----------------------------------|--------|--------|--|-----------------------------|--------------------------|--------------------------|-------|----------------|---------------------|---------------|-----------------|------------------|---------------------------|----------|------------------|---------------------------|
|  |            |   |  |                                   |        |        |  |                             |                          | ANNUAL LEASURES.         |       |                |                     |               | Grand<br>Total. | During<br>month. | Up to<br>end of<br>month. |          | During<br>month. | Up to<br>end of<br>month. |
|  |            |   |  |                                   |        |        |  |                             |                          | Kharif.                  | Rabi. | Sugar<br>cane. | Bladder<br>weather. | FOA<br>Total. |                 |                  |                           |          |                  |                           |
| ORIGINAL.  | Calcutta.  | Taldanda, 1st<br>Reach,<br>Taldanda, 2nd<br>Be. ch. | 1,348                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Wardhagore<br>Kewlaspore                            | 776                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Gobri   | 1,067                                  | 48-20                             | 40,955 | ...    | 4  | 12,417                      | 5,324                    | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Pattinsond  | 372-92                                 | 22-65                             | 39,116 | ...    | ...  | 15,153                      | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Highgate I. Level.                                  | 885                                    | 32-40                             | 55,928 | ...    | ...  | 3,794                       | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Highgate II. Level.                                 | 803                                    | ...                               | ...    | ...    | ...  | 1,214                       | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Highgate III. Level.                                | 77-16                                  | 44-30                             | ...    | ...    | ...  | 473                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Highgate Level.                                     | 75-18                                  | 23-11                             | 23,111 | ...    | 64   | 3,397                       | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total   | ...                                    | ...                               | ...    | ...    | 111  | 45,716                      | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total of the corresponding<br>period of last year.  | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
| SOUTH-<br>WESTERN.                                       | Midnapore. | Midnapore<br>Baruak<br>Total                        | 1,431                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Baruak  | 322                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total   | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total of the corresponding<br>period of last year.  | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Shalabadi   | 1,205                                  | 1-17                              | 11     | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Baruak  | 1,205                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total   | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total of the corresponding<br>period of last year.  | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Shalabadi   | 1,205                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Baruak  | 1,205                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
| EAST.  | Shalabadi. | Shalabadi<br>Baruak<br>Total                        | 1,431                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Baruak  | 322                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total   | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total of the corresponding<br>period of last year.  | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Shalabadi   | 1,205                                  | 1-17                              | 11     | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Baruak  | 1,205                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total   | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total of the corresponding<br>period of last year.  | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Shalabadi   | 1,205                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Baruak  | 1,205                                  | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total   | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
|  |            | Total of the corresponding<br>period of last year.  | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              | ...                       |
| Grand Total of the corresponding<br>period of last year. |            |   | ...                                    | ...                               | ...    | ...    | ...  | ...                         | ...                      | ...                      | ...   | ...            | ...                 | ...           | ...             | ...              | ...                       | ...      | ...              |                           |

A. D. MCARTHUR, Major R.M.  
Under-Secretary to the Govt. of Bengal.

The 11th June 1888.

**PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL  
SOUTH-WESTERN CIRCLE.**

NUDDA RIVERS.

*Statement showing Quantities of Goods carried during the month of April 1888.*

| Number of boats or rafts.                         | DESCRIPTION.              | TOTAL GOVERNMENT AND PRIVATE. |                        |                        |  | PRIVATE.               |           |
|---|---------------------------|-------------------------------|------------------------|------------------------|--|------------------------|-----------|
|   |                           | Quantity—Tons.                |                        |                        | Value.   | Quantity.              | Value.    |
|   |                           | Up.                           | Down.                  | Total.                 | Rupces.  | Tons.                  | Rupces.   |
| 564   | 1. Grain ...              | 559                           | 6,065                  | 6,624                  | 3,31,328   | 0,624                  | 3,34,328  |
| 99  | 2. Cotton ...             | 81                            | 1,288                  | 1,369                  | 1,44,854   | 1,309                  | 1,44,854  |
| 134   | 3. Oilseeds ...           | 932                           | ...                    | 932                    | 81,280   | 932                    | 81,280    |
| ...   | 4. Salt ...               | ...                           | ...                    | ...                    | ...  | ...                    | ...       |
| 22  | 5. Piece-goods ...        | 66                            | 24                     | 90                     | 69,310   | 90                     | 69,310    |
| 14  | 6. Metal ...              | 98                            | 5                      | 103                    | 2,146  | 103                    | 2,146     |
| 373   | 7. Building materials ... | 1,006                         | 998                    | 2,004                  | 3,54,547   | 2,004                  | 3,54,547  |
| 8   | 8. Miscellaneous ...      | 56                            | 9                      | 65                     | 838  | 65                     | 838       |
| 41 rafts  | 9. Fuel ...               | 607 c. ft.                    | 2,613 c. ft.           | 3,220 c. ft.           | 9,105  | 3,220 c. ft.           | 9,105     |
| 1 "   | 10. Timber ...            | 60 "                          | ...                    | 60 "                   | 5  | 60 "                   | 5         |
| 1,214 & 42 rafts                                  | 11. Bamboos ...           | 2,828 & 607 c. ft.            | 8,290 & 2,613 c. ft.   | 11,127 & 3,280 c. ft.  | 9,96,419   | 11,127 & 3,280 c. ft.  | 9,96,419  |
| 1,776 & 53 rafts                                  | 12. Total ...             | 3,792 & 1,205 c. ft.          | 11,850 & 18,573 c. ft. | 15,642 & 19,778 c. ft. | 12,78,063  | 15,642 & 19,778 c. ft. | 12,78,063 |
| 13. Total of same month last year                 |                           |                               |                        |                        |  |                        |           |
| 14. Total number of boats plying cargo No.        |                           | 522                           | 602                    | 1,124                  | Total tollage of month—24 + 25 + 26 ...              |                        |           |
| 14a. Ditto Empty boats, steamers &c. No.          |                           | 515                           | 67                     | 582                    | 5,785 8  |                        |           |
| 15. Total number of boats plying passenger No.    |                           | 397                           | 386                    | 783                    | Total tollage of same month last year ...            |                        |           |
| 15a. Ditto Empty boats No.                        |                           | 6                             | ...                    | 6                      | 12,371 13  |                        |           |
| 16. Total registered tonnage, cargo Tons          |                           | 11,607                        | 16,252                 | 27,859                 | Memorandum of Tollage.                               |                        |           |
| 17. Total registered tonnage, passenger Tons      |                           | 136                           | 107                    | 303                    |  |                        |           |
| 18. Ton-milage ...                                |                           | ...                           | ...                    | ...                    | Rs. A.   |                        |           |
| 19. Estimated value of cargo lbs.                 |                           | 3,58,428                      | 5,98,881               | 9,57,309               | 1. Balance not recovered on the 1st of the month ... |                        |           |
| 20. Number of passengers No.                      |                           | 544                           | 634                    | 1,178                  | 794 4  |                        |           |
| 21. Rafts, bamboos c. ft.                         |                           | 60                            | ...                    | 60                     | 2. Tollage per month ...                             |                        |           |
| 22. Do., bullocks "                               |                           | 607                           | 2,613                  | 3,220                  | 5,785 8  |                        |           |
| 23. Estimated value of rafts Rs.                  |                           | 1,270                         | 7,810                  | 9,105                  | 3. Total ...   |                        |           |
| 24. Tollage on boats "                            |                           | 2,090-2-8                     | 3,612-2-0              | 5,702-4-8              | 6,583 12   |                        |           |
| 25. Compounded tollage on boats ...               |                           | ...                           | ...                    | ...                    | 4. Amount paid into treasury during the month ...    |                        |           |
| 26. Tollage on rafts Rs.                          |                           | 9-12-0                        | 73-4-0                 | 83-4-0                 | 6,382 11   |                        |           |
| 27. *Total tollage on boats per ton-mile ...      |                           | ...                           | ...                    | ...                    | 5. Balance due at the end of the month ...           |                        |           |
| 28. Total tollage on rafts per 100 cubic feet Rs. |                           | ...                           | ...                    | 2-8-7                  | 200 13   |                        |           |

\* Boats in these rivers do not pay per mile.

*Abstract for the month of April 1888, as compared with the corresponding month of the previous year.*

|             | 1887-88.          |                      | 1888-89.          |                      |
|-------------|-------------------|----------------------|-------------------|----------------------|
|             | During the month. | To end of the month. | During the month. | To end of the month. |
|             | Rs. A. P.         | Rs. A. P.            | Rs. A. P.         | Rs. A. P.            |
| Tollage ... | 5,785 8 8         | 5,785 8 8            | 12,371 13 8       | 12,371 13            |

Calcutta,  
The 11th June 1888.

A. D. McANULTY, Major, R.E.  
Under Secretary to the Government of Bengal.

PUBLIC WORKS DEPARTMENT, -BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagirath, Jellinghee and Brahmaputra for the month of May 1888.

| Date. | RIVER GANGES.                     |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   | RIVER BHAGIRATH.                  |                                   |
|-------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|       | Mirzapore.                        | Benares.                          | Bohara.                           | Disapore.                         | Almoghur.                         | Sahyagunge.                       | Shahpore Deulab.                  | Gomnada.                          | Barhagunge.                       | Barhagunge.                       | Barhagunge.                       | Barhagunge.                       |
| Time. | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    | From<br>Buddh.                    |
|       | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. | Height<br>over mean<br>sea-level. |
| 1st   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 2nd   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 3rd   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 4th   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 5th   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 6th   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 7th   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 8th   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 9th   | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 10th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 11th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 12th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 13th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 14th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 15th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 16th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 17th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 18th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 19th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 20th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 21st  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 22nd  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 23rd  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 24th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 25th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 26th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 27th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 28th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 29th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 30th  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |
| 31st  | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               | 107                               |

A. D. McARTHUR, Major, R.E.  
Under-Secretary to the Government of Bengal.

The 11th June 1888.

## CIRCULAR AND EASTERN CANALS.

*Approximate return of traffic for the week ending Saturday, the 9th June 1888,  
as compared with the corresponding week of the previous year.*

| NATURE OF CARGO. | WEEK ENDING SATURDAY, THE<br>9TH JUNE 1888. |                     |          | WEEK ENDING SATURDAY, THE<br>11TH JUNE 1887. |                     |          |
|------------------|---|---------------------|----------|--|---------------------|----------|
|                  | Number of<br>boats.                         | Weight of<br>cargo. | Tollage. | Number of<br>boats.                          | Weight of<br>cargo. | Tollage. |
|                  | No.   | Mds.                | Rs.      | No.  | Mds.                | Rs.      |
| Rice and paddy   | 863   | 1,01,400            | 1,771    | 408  | 93,720              | 1,302    |
| Jute             | 7   | 6,550               | 97       | 18   | 10,100              | 219      |
| Firewood         | 130   | 58,425              | 868      | 152  | 82,050              | 1,284    |
| Other articles   | 724   | 1,86,170            | 2,782    | 894  | 2,02,095            | 3,107    |
| Total            | 1,224                                       | 3,52,545            | 5,518    | 1,492  | 3,86,974            | 5,882    |



*General remarks on the fluctuation of principal staples carried over the East Indian Railway during five weeks ended 28th April 1888.*

**INCREASES.**

*Coal and coke.*—There was an increase in both the upward and downward traffic; the former was inconsiderable, and the latter was due to facilities afforded by the opening of the Jubilee Bridge.

*Pit goods.*—The increase under this head was due to the large number of Hindu marriage ceremonies taking place during the period.

*Cotton bags.*—Due to larger despatches to the North-Western Provinces and Panjab in the knowledge that crops in those provinces were fuller than in 1887.

*Other fibres, raw.*—Due chiefly to despatches from Allahabad.

*Minerals.*—This large increase was principally due to heavy despatches of lime from Kanseungo and Odal for the Midnapore Dock-works.

*Iron.*—Due principally to large consignments of pig iron from Howrah to Peshawar and of machinery for cotton mills to Calcutta.

*Seeds.*—The increase was principally in linseed and mustard and rapa seed; the former for export, and the latter for both export and local consumption.

*Spices.*—This was chiefly in chillies from Mokamch, Mokamch Ghât and vid Mokamch Ghât.

*Tobacco.*—This was in despatches from the Tirhoot State and the Bengal and North-Western Railways, and also from Barh and Patna, owing to the crops this season having been abundant.

**DECREASES.**

*Cotton.*—Due to bad crops last season.

*Wheat.*—No demand for export owing to home market being dull.

*Gram and pulses.*—Due to absence of demand in Calcutta for shipment to Madras and Barinah.

*Rice (husked and unhusked).*—There was an increase in the upward traffic, but a greater decrease in the downward despatches, resulting in a considerable falling off in the weight carried attended with a smaller decrease in earnings; and this was due to the Calcutta market not being able to compete on equal terms with up-country purchasers.

*Other grains.*—The small decrease under this head appears to be due to there having been fair crops at all stations.

*Brass and copper.*—Due to despatches being still restricted by high prices.

*Opium.*—Increase in weight carried, but a decrease in earnings. The despatches in crude opium increased; but there were smaller despatches of the manufactured article to Calcutta than in the corresponding period of 1887.

*Railway material. Foreign.*—The decrease was in consequence of heavy despatches last year from Howrah and vid Jubbulpore for the Indian Midland Railway.

*Salt.*—Due to high prices still ruling in the Calcutta market.

*Stone.*—Due to absence of demand for Mirzapore stone.

*Sejra and jaggery.*—Increase in weight attended with decrease in earnings, and the fluctuations are due to the same causes as reported for March 1888.

N. ST. L. CARTER, *Traffic Manager.*

TRAFFIC MANAGER'S OFFICE, CALCUTTA, 28th June 1888.

## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 1,513½ miles open.

|   | COACHING TRAFFIC.     |                | MERCHANDISE AND MINERAL TRAFFIC. |                  | Other earnings (estimated). | Total earnings.  | TRAFFIC TRAIN-MILES RUN. |              |           |
|---|-----------------------|----------------|----------------------------------|------------------|-----------------------------|------------------|--------------------------|--------------|-----------|
|   | Number of passengers. | Receipts.      | Weight carried.                  | Receipts.        |                             |                  | Coaching.                | Merchandise. | Total.    |
|   |                       | Rs. A. P.      | Mds. c.                          | Rs. A. P.        | Rs. A. P.                   | Rs. A. P.        |                          |              |           |
| Total traffic for the week ...                                | 235,679               | 2,57,393 12 6  | 28,89,691 20                     | 6,16,841 13 6    | 10,503 3 0                  | 8,57,798 12 0    | 61,009                   | 102,500      | 167,509   |
| Or per mile of railway for previous 21 weeks of half-year ... | 6,689,678             | 63,50,710 7 0  | 6,64,33,008 0                    | 1,40,71,111 4 1  | 4,61,453 1 11               | 2,09,87,571 1 0  | 2,284,366                | 2,206,749    | 3,621,633 |
| Total for 22 weeks ...  | 6,925,257             | 66,08,071 5 6  | 6,71,07,009 20                   | 1,46,88,251 5 1  | 4,86,056 4 11               | 2,17,77,542 11 0 | 2,428,021                | 2,309,248    | 3,737,169 |
| COMPARISON.   |                       |                |                                  |                  |                             |                  |                          |              |           |
| Total for corresponding week of previous year ...             | 590,324               | 2,07,115 7 11  | 27,10,257 10                     | 6,10,262 0 6     | 30,250 4 10                 | 9,31,067 13 7    | 63,019                   | 111,062      | 176,080   |
| Per mile of railway corresponding week of previous year ...   | 184 7 8               | ...            | ...                              | 405 11 5         | 10 5 4                      | 633 8 3          | ...                      | ...          | ...       |
| Total to corresponding date of previous year ...              | 6,228,450             | 63,76,651 11 0 | 6,60,75,672 30                   | 1,58,42,007 2 11 | 4,25,129 7 2                | 2,26,44,701 8 10 | 1,486,911                | 2,610,705    | 4,097,616 |

\* The bathing festival (Dashahara) took place during the corresponding period of 1887, hence the coaching traffic shows a decrease.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Rs.                     | Rs.                     |
|   | Rs.       | Rs.              |   | Rs.       | Rs.              |  | Rs.             | Rs.                       |  | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| 1,513                                   | 9,31,923  | 614              | 1,672                                   | 8,59,709  | 590              | 1,513  | 161,20,468      | 639                       | 1,613  | 88,03,027       | 616                       | ...                     | 5,10,811                |

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 57½ miles open.

|   | COACHING TRAFFIC.     |               | MERCHANDISE AND MINERAL TRAFFIC. |             | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|---|-----------------------|---------------|----------------------------------|-------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Receipts.     | Weight carried.                  | Receipts.   |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.     | Mds. c.                          | Rs. A. P.   | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week ...                                | 10,974                | 5,635 7 0     | 36,866 20                        | 2,375 2 0   | 32 0 0                      | 7,632 9 0       | 1,633                    | 755          | 2,388  |
| Or per mile of railway for previous 21 weeks of half-year ... | 399,473               | 1,07,694 10 2 | 13,40,320 30                     | 107,631 2 0 | 1763 2 0                    | 2,10,193 8 0    | 37,321                   | 14,102       | 61,423 |
| Total for 22 weeks ...  | 515,447               | 1,02,500 1 0  | 4,81,194 0                       | 60,201 7 0  | 614 9 0                     | 2,25,290 1 0    | 38,952                   | 14,857       | 53,809 |
| COMPARISON.   |                       |               |                                  |             |                             |                 |                          |              |        |
| Total for corresponding week of previous year ...             | 12,618                | 5,559 1 0     | 40,352 0                         | 2,653 0 0   | 27 7 11                     | 8,239 14 0      | 1,625                    | 1,161        | 2,786  |
| Per mile of railway corresponding week of previous year ...   | 519                   | 97 3 0        | 803 0                            | 40 14 2     | 0 7 8                       | 117 8 10        | ...                      | ...          | ...    |
| Total to corresponding date of previous year ...              | 208,650               | 1,07,800 1 3  | 13,22,735 50                     | 77,261 0 0  | 1,040 13 3                  | 2,38,101 4 0    | 39,550                   | 21,867       | 61,417 |

\* Deducted No. of passengers 6,183 and Rs. 6,313 } on account of differences between the approximate and audited returns to week ended 28th April 1888.  
† Added Mds. 41,352-30 and Rs. 1,088 47  
‡ Deducted

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Rs.                     | Rs.                     |
|   | Rs.       | Rs.              |   | Rs.       | Rs.              |  | Rs.             | Rs.                       |  | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| 57½                                     | 1,468     | 240              | 57½                                     | 1,468     | 250              | 57½  | 87,644          | 171                       | 57½  | 64,063          | 104                       | ...                     | 3,231                   |

\* Deducted Rs. 4,871, being the difference between the approximate and audited returns from 1st to 28th April 1888.

## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 12 miles open.

|   | COACHING TRAFFIC.     |             | MERCHANDISE AND MINERAL TRAFFIC. |              | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |            |
|---|-----------------------|-------------|----------------------------------|--------------|-----------------------------|-----------------|--------------------------|--------------|------------|
|   | Number of passengers. | Receipts.   | Weight carried.                  | Receipts.    |                             |                 | Coaching.                | Merchandise. | Total.     |
| Total traffic for the week                              | 3,356                 | Rs. 4 0     | 15,206 0                         | Rs. 4 0      | 7 5 0                       | 1,218 19 0      | 201 1/2                  | 293          | 494 1/2    |
| Or per mile of railway                                  | 279 6 8               | 33 3 3      | 1,267 1 3                        | 33 3 3       | 0 9 8                       | 101 9 1         | 16 7/8                   | 23 1/2       | 40 3/4     |
| For previous 21 weeks of half-year                      | 63,450                | 11,083 11 0 | 4,522,975 10                     | 1,10,728 2 0 | 7,904 3 6                   | 22,019 3 6      | 8,402 1/2                | 3,611        | 12,013 1/2 |
| Total for 22 weeks                                      | 66,806                | 11,087 11 0 | 4,538,181 10                     | 1,10,732 2 0 | 7,911 8 6                   | 22,238 0 6      | 8,604                    | 3,904        | 12,508     |
| COMPARISON.   |                       |             |                                  |              |                             |                 |                          |              |            |
| Total for corresponding week of previous year           | 3,353                 | 500 4 2     | 15,328 5 8                       | 311 14 0     | 4 12 3                      | 888 14 5        | 240                      | 347          | 407        |
| Per mile of railway corresponding week of previous year | 279 6 8               | 41 7 0      | 1,277 1 3                        | 25 9 10      | 0 6 4                       | 71 1 2          | 16 7/8                   | 23 1/2       | 40 3/4     |
| Total to corresponding date of previous year            | 68,440                | 11,520 2 0  | 4,55,204 20                      | 12,443 16 0  | 182 14 8                    | 24,532 16 8     | 8,656                    | 4,283        | 12,939     |

\* Added No. of passengers 250 and Rs. 131 0 0 on account of differences between the approximate and audited returns to week ended 28th April 1888.  
 † Little more 4,354-20 and " 170 0 0  
 ‡ Deducted " 22 0 0

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 741                                     | Rs. 850   | 74               | 741                                     | Rs. 1,219 | 165              | 741  | Rs. 11,742      | 159              | 741  | Rs. 10,765      | 145              | Rs. 877                 | Rs. 877                 |

\* Added Rs. 280, being the difference between the approximate and audited returns from 1st to 28th April 1888.

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 74 1/2 miles open.

|   | COACHING TRAFFIC.     |               | MERCHANDISE AND MINERAL TRAFFIC. |               | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |            |
|---|-----------------------|---------------|----------------------------------|---------------|-----------------------------|-----------------|--------------------------|--------------|------------|
|   | Number of passengers. | Receipts.     | Weight carried.                  | Receipts.     |                             |                 | Coaching.                | Merchandise. | Total.     |
| Total traffic for the week                              | 6,731                 | Rs. 4,083 6 6 | 81,042 20                        | Rs. 4,160 0 0 | 123 0 0                     | 8,366 6 6       | 671                      | 1,449 1/2    | 2,120 1/2  |
| Or per mile of railway                                  | 90 6 8                | 54 3 3        | 1,080 6 8                        | 55 3 10       | 1 10 4                      | 111 13 7        | 9 1/8                    | 19 1/2       | 28 3/4     |
| For previous 21 weeks of half-year                      | 141,509               | 782,119 14 0  | 1,18,20,923 30                   | 1,44,742 11 0 | 22,282 13 0                 | 1,08,416 11 0   | 14,619                   | 31,286       | 45,905     |
| Total for 22 weeks                                      | 148,240               | 786,202 6 6   | 1,18,29,065 10                   | 1,45,902 11 0 | 22,405 13 0                 | 1,10,821 14 0   | 15,290                   | 32,735 1/2   | 48,025 1/2 |
| COMPARISON.   |                       |               |                                  |               |                             |                 |                          |              |            |
| Total for corresponding week of previous year           | 6,743                 | 6,741 14 0    | 60,808 0                         | 4,340 10 0    | 72 0 0                      | 11,154 14 0     | 643                      | 1,316        | 1,959      |
| Per mile of railway corresponding week of previous year | 90 6 8                | 90 10 8       | 810 6 8                          | 58 0 0        | 0 15 5                      | 149 10 7        | 8 1/8                    | 17 1/2       | 25 3/4     |
| Total to corresponding date of previous year            | 136,039               | 1,02,062 13 8 | 22,02,947 30                     | 1,35,305 2 0  | 2,295 0 0                   | 1,08,198 13 8   | 10,400                   | 27,885       | 38,285     |

\* Deducted No. of passengers 1,000 and Rs. 301 0 0 on account of differences between the approximate and audited returns to week ended 28th April 1888.  
 † Little more 84,713-30 and " 574 0 0  
 ‡ Ditto " 5 0 0

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |            |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|---|------------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts.  | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 741                                     | Rs. 71,105 | 180              | 741                                     | Rs. 8,366 | 112              | 741  | Rs. 84,040      | 112              | 741  | Rs. 75,934      | 102              | Rs. 877                 | Rs. 877                 |

\* Deducted Rs. 1,140, being the difference between the approximate and audited returns from 1st to 28th April 1888.



*Approximate Return of Traffic for week ended 2nd June 1889, on 2½ miles open.*

\* Added No. of  
+ into Mds. 1-30  
+ Deducted

\* Added Rs. 706, being the difference between the approximate and audited returns from 1st to 28th April 1884.

(INCLUDING N. B., PACCA, E. AND D., AND ASHAM-BEHAR SECTIONS.)

\* Audited up to week ending 18th April 1988.  
(a) Ditto ditto 18th May 1988.  
(b) One in the opera binding festival which took place earlier in the previous half year.  
† Excluding non-local earnings.

\* Added up to 20th April 1889.

## BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 125 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |          |
|---|-----------------------|--------------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|----------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total.   |
|   |                       | Rs. A. P.          | Mds. c.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |          |
| Total traffic for the week                                | 33,134                | 5,923 0 0          | 47,271 0                         | 3,041 0 0  | 75 0 0                      | 12,389 0 0      | 3,017                    | 1,709        | 4,726    |
| Or per mile of railway                                    | 265                   | 73 0 0             | 328 0                            | 24 0 0     | 1 0 0                       | 98 0 0          |                          |              |          |
| For previous 21 weeks of half-year                        | 543,031               | 1,85,678 0 0       | 1,002,104 0                      | 53,358 0 0 | 4,026 0 0                   | 23,02,094 0 0   | 74,390                   | 57,610       | 1,32,000 |
| Total for 28 weeks  | 576,165               | 1,91,601 0 0       | 1,101,435 0                      | 71,009 0 0 | 4,101 0 0                   | 27,42,201 0 0   | 78,527                   | 59,319       | 1,37,846 |
| COMPARISON.   |                       |                    |                                  |            |                             |                 |                          |              |          |
| Total for corresponding week of previous year             | 5,47,112              | 22,224 0 0         | 41,003 0                         | 2,980 0 0  | 25 0 0                      | 23,179 0 0      | 3,838                    | 1,268        | 5,106    |
| Per mile of railway corresponding period of previous year | 377                   | 178 0 0            | 323 0                            | 23 0 0     | 1 0 0                       | 182 0 0         |                          |              |          |
| Total to corresponding date of previous year              | 588,616               | 2,03,434 0 0       | 1,003,983 0                      | 50,904 0 0 | 1,063 0 0                   | 2,61,308 0 0    | 78,478                   | 57,680       | 1,36,158 |

\* Audited up to 25th April 1888.

a Date 12th May 1888.

b Due to Dussehra bathing festival which took place earlier in the corresponding period.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                  | Total increase in 1888-87. | Total decrease in 1888-87. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|----------------------------|----------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                            |                            |
|   | Rs.       | Rs.              |   | Rs.       | Rs.              |  | Rs.             | Rs.              |  | Rs.             | Rs.              |                            |                            |
| 125                                     | 25,179    | 201              | 125                                     | 12,100    | 96               | 125  | 2,91,350        | 108              | 125  | 2,17,313        | 96               |                            | 13,903                     |

\* Audited up to 25th April 1888.

## DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 86 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|---|-----------------------|--------------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.          | Mds. c.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week                                | 12,380                | 4,155 0 0          | 24,598 0                         | 1,091 0 0  | 100 0 0                     | 5,346 0 0       | 2,141                    | 968          | 3,109  |
| Or per mile of railway                                    | 141                   | 48 0 0             | 284 0                            | 13 0 0     | 1 0 0                       | 62 0 0          |                          |              |        |
| For previous 21 weeks of half-year                        | 2,48,511              | 86,347 0 0         | 307,430 0                        | 17,482 0 0 | 2,708 0 0                   | 1,11,518 0 0    | 44,947                   | 20,307       | 65,254 |
| Total for 28 weeks  | 2,60,891              | 90,502 0 0         | 322,018 0                        | 18,573 0 0 | 2,808 0 0                   | 1,14,326 0 0    | 47,088                   | 21,275       | 68,363 |
| COMPARISON.   |                       |                    |                                  |            |                             |                 |                          |              |        |
| Total for corresponding week of previous year             | 12,000                | 2,093 0 0          | 5,04,234 0                       | 5,200 0 0  | 344 0 0                     | 5,947 0 0       | 2,070                    | 276          | 2,346  |
| Per mile of railway corresponding period of previous year | 140                   | 24 0 0             | 764 0                            | 23 0 0     | 4 0 0                       | 69 0 0          |                          |              |        |
| Total to corresponding date of previous year              | 2,61,740              | 94,510 0 0         | 437,461 0                        | 31,409 0 0 | 4,312 0 0                   | 1,36,747 0 0    | 62,018                   | 21,536       | 83,554 |

\* Audited up to week ending 25th April 1888.

a Date 12th May 1888.

b Includes 24,000 pounds and Rs. 2,539 for ballast trains.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                  | Total increase in 1888-87. | Total decrease in 1888-87. |
|---|-----------|------------------|---|-----------|------------------|--|-----------------|------------------|--|-----------------|------------------|----------------------------|----------------------------|
| Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                            |                            |
|   | Rs.       | Rs.              |   | Rs.       | Rs.              |  | Rs.             | Rs.              |  | Rs.             | Rs.              |                            |                            |
| 86                                      | 7,94      | 91               | 86                                      | 5,83      | 67               | 86   | 47,311          | 55               | 86   | 44,000          | 50               |                            | 3,311                      |

Audited up to week ending 25th April 1888.

## ASSAM-BEHAR STATE RAILWAY.

(POURNAH SECTION.)

Approximate Return of Traffic for week ended 2nd June 1888, on 30 miles open.

|   | COACHING TRAFFIC.     |                      | MERCHANDISE AND MINERAL TRAFFIC. |                        | Other earnings (estimated). | Total earnings.        | TRAFFIC TRAIN-MILES RUN. |              |            |
|---|-----------------------|----------------------|----------------------------------|------------------------|-----------------------------|------------------------|--------------------------|--------------|------------|
|   | Number of passengers. | Coaching receipts.   | Weight carried.                  | Receipts.              |                             |                        | Coaching.                | Merchandise. | Total.     |
| Actual traffic for the week                             | 2,055                 | Rs. A. P.<br>840 0 0 | Mds. c.<br>22,400 0              | Rs. A. P.<br>2,124 0 0 | Rs. A. P.<br>22 0 0         | Rs. A. P.<br>2,146 0 0 | 546                      | 546          | 1,092      |
| per mile of railway                                     | 68                    | 28 0 0               | 746 0                            | 70 8 0                 | 0 7 0                       | 78 5 0                 | 18.16                    | 18.16        | 36.32      |
| in previous 21 weeks of half-year                       | 59,961                | 22,182 0 0           | 551,028 0                        | 45,831 0 0             | 922 0 0                     | 46,805 0 0             | 11,406                   | 11,406       | (a) 22,812 |
| Total for 22 weeks                                      | 62,016                | 22,992 0 0           | 573,428 0                        | 47,955 0 0             | 944 0 0                     | 48,899 0 0             | 12,012                   | 12,012       | 24,024     |
| COMPARISON.   |                       |                      |                                  |                        |                             |                        |                          |              |            |
| Actual for corresponding week of previous year          | 2,042                 | 817 0 0              | 14,552 0                         | 1,807 0 0              | 34 0 0                      | 2,258 0 0              | 539                      | 539          | 1,078      |
| per mile of railway corresponding week of previous year | 75                    | 29 0 0               | 485 0                            | 60 0 0                 | 1 0 0                       | 70 0 0                 | 18.16                    | 18.16        | 36.32      |
| Actual to corresponding date of previous year           | 23,831                | 7,891 0 0            | 121,570 0                        | 22,899 0 0             | 231 0 0                     | 23,130 0 0             | 5,005                    | 5,005        | 10,010     |

\* Audited up to week ending 28th April 1888.  
(a) Ditto ditto 12th May 1888.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |              |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |              |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|---|--------------|------------------|---|--------------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts.    | Per mile worked. | Mean mileage worked.                    | Receipts.    | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                         |
| 30                                      | Rs.<br>2,258 | Rs.<br>58        | 30                                      | Rs.<br>2,042 | Rs.<br>70        | 30   | Rs.<br>31,021   | Rs.<br>84        | 30   | Rs.<br>48,899   | Rs.<br>80        | 170                     | .....                   |

\* Audited up to week ending 28th April 1888.

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd June 1888, on 27½ miles open.

|   | COACHING TRAFFIC.     |                         | MERCHANDISE AND MINERAL TRAFFIC. |                      | Other earnings (estimated). | Total earnings.         | TRAFFIC TRAIN-MILES RUN. |              |            |
|---|-----------------------|-------------------------|----------------------------------|----------------------|-----------------------------|-------------------------|--------------------------|--------------|------------|
|   | Number of passengers. | Coaching receipts.      | Weight carried.                  | Receipts.            |                             |                         | Coaching.                | Merchandise. | Total.     |
| Actual traffic for the week                             | 2,127                 | Rs. A. P.<br>1,298 5 10 | Mds. c.<br>4,577 00              | Rs. A. P.<br>814 7 0 | Rs. A. P.<br>18 4 0         | Rs. A. P.<br>1,595 0 10 | 509                      | 254          | 763        |
| per mile of railway                                     | 116                   | 47 0 0                  | 168 0                            | 29 8 0               | 0 7 0                       | 66 5 0                  | 18.16                    | 9.16         | 27.32      |
| in previous 21 weeks of half-year                       | 48,608                | 25,213 10 2             | 3,12,277 10                      | 17,788 0 0           | 427 19 0                    | 18,215 19 2             | 10,089                   | 6,025 1/2    | 16,114 1/2 |
| Total for 22 weeks                                      | 50,735                | 26,512 0 0              | 3,16,854 0                       | 18,602 0 0           | 445 0 0                     | 19,047 0 0              | 11,140                   | 6,279 1/2    | 17,419 1/2 |
| COMPARISON.   |                       |                         |                                  |                      |                             |                         |                          |              |            |
| Actual for corresponding week of previous year          | 4,595                 | 1,724 15 3              | 4,515 0                          | 602 15 0             | 25 12 0                     | 2,352 12 3              | 509                      | 254          | 763        |
| per mile of railway corresponding week of previous year | 168                   | 63 0 0                  | 165 0                            | 22 0 0               | 0 15 0                      | 65 0 0                  | 18.16                    | 9.16         | 27.32      |
| Actual to corresponding date of previous year           | 67,474 1/2            | 28,460 0 0              | 2,75,767 0                       | 10,160 0 11          | 267 11 2                    | 10,427 11 3             | 11,270                   | 7,424 1/2    | 18,694 1/2 |

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

| RECEIPTS FOR WEEK ENDING 4TH JUNE 1887. |              |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |              |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|---|--------------|------------------|---|--------------|------------------|--|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts.    | Per mile worked. | Mean mileage worked.                    | Receipts.    | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                         |
| 30                                      | Rs.<br>2,414 | Rs.<br>88        | 27 1/2                                  | Rs.<br>1,235 | Rs.<br>45        | 27 1/2   | Rs.<br>10,123   | Rs.<br>37        | 27 1/2   | Rs.<br>14,181   | Rs.<br>51        | .....                   | .....                   |

## TIRHOOT STATE RAILWAY

Approximate Return of Traffic for the week ending 2nd June 1888, on 259 miles open.

|   | COACHING TRAFFIC.     |                      | MERCHANDISE AND MINERAL TRAFFIC. |                      | Other earnings (estimated). | Total earnings.       | TRAFFIC TRAIN-MILES RUN |              |         |
|---|-----------------------|----------------------|----------------------------------|----------------------|-----------------------------|-----------------------|-------------------------|--------------|---------|
|   | Number of passengers. | Coaching receipts.   | Wagon carried.                   | Receipts.            |                             |                       | Coaching.               | Merchandise. | Total.  |
| Total traffic for the week on 259 miles open                    | 36,353                | Rs. A. P. 13,856 0 3 | Mds. 1,54,742 10                 | Rs. A. P. 17,254 3 0 | Rs. A. P. 3,141 3 0         | Rs. A. P. 34,248 10 3 | 6,537                   | 8,415        | 14,952  |
| Or per mile of railway  | 141                   | 53 5 0               | 715 0                            | 66 10 0              | 2 14 0                      | 133 0 9               | 25 5                    | 32 5         | 58 0    |
| For previous 51 weeks of half-year                              | 9,14,513              | 3,52,017 15 9        | 41,32,978 3                      | 4,46,192 8 0         | 63,019 14 0                 | 6,07,734 5 9          | 129,704                 | 1,08,714     | 238,418 |
| Total for 51 weeks  | 251,400               | 1,60,708 0 0         | 43,08,330 0                      | 4,53,400 0 0         | 71,911 0 0                  | 6,01,976 0 0          | 130,045                 | 1,09,130     | 239,175 |
| COMPARISON.   |                       |                      |                                  |                      |                             |                       |                         |              |         |
| Total for corresponding week of previous year on 259 miles open | 36,353                | 14,463 8 4           | 1,43,351 10                      | 14,254 2 0           | 2,735 3 5                   | 31,443 10 9           | 6,420                   | 6,870        | 13,290  |
| Per mile of railway corresponding week of previous year         | 141                   | 56 3 0               | 600 0                            | 57 2 0               | 0 15 0                      | 116 3 0               | 25 5                    | 32 5         | 58 0    |
| Total to corresponding date of previous year                    | 9,09,491              | 3,35,791 7 0         | 39,84,381 10                     | 3,61,364 15 0        | 70,129 1 8                  | 7,57,417 3 8          | 1,34,177                | 1,09,549     | 243,726 |

\* Steam-hoat earnings included in calculating "Total earnings per mile of Railway."

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

| RECEIPTS FOR WEEK ENDING 2ND JUNE 1887. |            |                  | RECEIPTS FOR WEEK ENDING 2ND JUNE 1888. |            |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 2ND JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 2ND JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|---|------------|------------------|---|------------|------------------|--|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                    | Receipts.  | Per mile worked. | Mean mileage worked.                    | Receipts.  | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                         |                         |
| 259                                     | Rs. 31,443 | 125              | 259                                     | Rs. 34,344 | 133              | 259  | Rs. 3,05,683    | 118                       | 259  | Rs. 3,44,107    | 133                       | Rs. 38,515              | 148 10 000              |

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Rs.

|  |     |     |                    |
|--|-----|-----|--------------------|
| Approximate earnings for week ending 26th May 1888 | ... | ... | 11,877             |
| Corresponding week last year                       | ... | ... | 9,783              |
| Increase   | ... | ... | 2,094              |
| Receipts from 1st January to 26th May 1888         | ... | ... | 1,90,138           |
| From 1st January to 26th May 1887                  | ... | ... | 1,62,720           |
| Increase   | ... | ... | 27,418             |
| Miles open week ending 26th May 1888               | ... | ... | 51                 |
| Corresponding week last year                       | ... | ... | 51                 |
| Receipts per mile open week ending 26th May 1888   | ... | ... | Rs. A. P. 339 14 1 |
| Corresponding week last year                       | ... | ... | 191 18 5           |
| Increase   | ... | ... | 41 0 8             |



# The Calcutta Gazette.

EXTRAORDINARY.

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CALCUTTA, MONDAY, JUNE 18, 1888.

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Government of Bengal.

JUDICIAL DEPARTMENT.

THE following is published for general information.

By order of the Lieutenant-Governor of Bengal,

J. WARE EDGAR,  
*Chief Secretary to the Govt. of Bengal.*

HOME DEPARTMENT.

NOTIFICATION.

PUBLIC.

*Simla, the 17th June 1888.*

Official intelligence having been received from Her Majesty's Secretary of State for India that the funeral of His late Imperial Majesty the Emperor of Germany will take place to-morrow, the 18th instant, the Governor-General in Council directs that, as a mark of respect to His Imperial Majesty's memory, flags shall be hoisted half mast high from sunrise to sunset, and sixty minute guns fired in all forts and stations throughout India on that day. The Governor-General in Council further directs that the Officers of Her Majesty's Civil, Military and Marine Services do put themselves into mourning till the 7th of July.

By order of the Governor-General in Council,

A. P. MacDONNELL,

*Secretary to the Government of India.*



# SUPPLEMENT TO. The Calcutta Gazette.

WEDNESDAY, JUNE 20, 1888.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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## REVIEW OF THE TRANSACTIONS OF THE FINE FUND OF THE PROVINCIAL STATE RAILWAYS FOR 1887-88.

No. 1954R.A.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

RAILWAY.

*Dated Calcutta, the 9th June 1888.*

### READ—

Government of India, Financial Department, Resolution No. 427, dated 28th June 1880.

Letter No. 875, dated 7th May 1888, from the Manager, Eastern Bengal State Railway.

Letter No. 1775, dated 9th May 1888, from the Manager, Nalhati State Railway.

Letter No. 8471, dated 10th May 1888, from the Manager, Tirhoot State Railway.

### Read also—

Resolution No. 1459R.A., dated 29th June 1887.

**Observations.**—On the 1st April 1887, the Eastern Bengal State Railway came under the control of this Government, and for special and economical reasons the Northern Bengal, Kaunia and Dhurlla and Dacca State Railways were placed under the management of the Eastern Bengal State Railway. Later on the portion of the Assam-Bihar Section of the Assam-Bihar State Railway was also placed under the same management, the whole being considered as one Railway system, and the review of the Fine Fund of the Eastern Bengal State Railway System\* comprises therefore the transactions on all the Railways mentioned above.

2. The review for all lines for the year 1887-88 have been received, and are summarized in the following table:—

| RAILWAYS.                    | RECEIPTS.                  |           |           |            | EXPENDITURE.   |           |            | Balance at end of 1887-88. |
|------------------------------|----------------------------|-----------|-----------|------------|----------------|-----------|------------|----------------------------|
|                              | Balance on 1st April 1887. | Fines.    | Interest. | Total.     | Disbursements. | Refunds.  | Total.     |                            |
|                              | Rs. A. P.                  | Rs. A. P. | Rs. A. P. | Rs. A. P.  | Rs. A. P.      | Rs. A. P. | Rs. A. P.  | Rs. A. P.                  |
| Eastern Bengal State Railway | 8,525 14 4                 | 7,201 5 5 | 813 1 8   | 16,139 1 1 | 7,845 1 3      | 182 14 0  | 7,927 15 3 | 8,268 1 14                 |
| Tirhoot State Railway        | 790 14 2                   | 1,199 1 0 | 23 10 4   | 1,948 9 6  | 1,901 13 6     | 17 2 0    | 1,918 14 9 | 887 10 11                  |
| Nalhati State Railway        | 179 6 2                    | 50 3 6    | 4 15 1    | 233 8 9    | 189 9 3        | .....     | 189 9 3    | 103 15 8                   |

3. Under the head of Expenditure the principal disbursements were as follows:—

*Eastern Bengal State Railway.*—Institute Rs. 1,580 ; Schools Rs. 2,050 ; Volunteering Rs. 1,270-11-3 ; Amusements Rs. 450 ; Assistance to employes Rs. 2,334-6.

*Tirhoot State Railway.*—Institute Rs. 610 ; Compensation Rs. 252 ; Amusements Rs. 150 ; Schools Rs. 25 ; Medicines Rs. 48-6 ; Volunteering Rs. 200.

*Nalhati State Railway.*—Schools Rs. 77 ; Institute Rs. 53 ; Dispensary Rs. 0-9-3.

**RESOLUTION.**—The reduction of the balances of the funds still continues, it being borne in mind that the present employes should benefit, as far as possible, from the receipts that have accrued during their term of service. The balance of the fund on the Eastern Bengal State Railway System still seems, however, unnecessarily high. Rupees 1,078-3-6 was expended on the Eastern Bengal State Railway in supplying menial and line staff employed on out-door work, and who have consequently to undergo exposure, with blankets ; Rs. 356-4 have been advanced on loan to employes to assist them in sending their children to school ; and Rs. 142 have been advanced to the Volunteer Prize Fund : the two latter amounts are recoverable.

**ORDER.**—Ordered that a copy of this Resolution be forwarded to the Government of India, in the Public Works Department, and to the Managers of the Bengal Provincial Railways for information, and that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

E. J. MARTIN,

Offg. Secy. to the Govt. of Bengal,  
P. W. Dept.

## Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the crops in the different districts of Bengal, as reported to Government during the week ending the 16th June 1888.

| No.                | District and date of return. | Rainfall at Sudder Station in inches. | Character of the weather and state and prospects of the crops.  |  |  |   |
|--------------------|------------------------------|---------------------------------------|---|--|--|---|
| BENGAL.            |                              |                                       |   |  |  |   |
| Western Districts. |                              |                                       |   |  |  |   |
| Rangpur Div.       | 1 Bardwan June 16, '88       | 0.69                                  | Weather—extremely hot with light breeze from the west. Prospects good. Sowings of the season nearly complete. Anxiety is felt at the absence of general rain. Common rice still 22 acres per rupee.   |  |  |   |
|                    | • Culna ...                  | 0.79                                  |   |  |  |   |
|                    | • Cutwa ...                  | 0.11                                  |   |  |  |   |
|                    | • Raneegunge ...             | 2.43                                  |   |  |  |   |
|                    | 2 Bankura „ 16, '88          | 0.10                                  |   |  |  |   |
| Rangpur Div.       | 3 Birbhum „ 18, '88          | 0.77                                  | Weather—sultry. Rain wanted for sowing of paddy throughout the district. If it does not rain soon, the seed-plants that are above the ground will die. No appreciable change in the rice market.  |  |  |   |
|                    | • Rampur Haut ...            | 0.58                                  |   |  |  |   |
|                    | 4 Midnapur „ 16, '88         | 0.04                                  |   |  |  |   |
| Rangpur Div.       | 5 Hugli „ 16, '88            | Nil                                   | Weather—extraordinarily hot, with high west wind. Rain wanted, as seedlings have commenced to dry up in some places. Indigo plants had made good progress, but the excessive heat has been unfavourable. Manufacture commences shortly.   |  |  |   |
|                    | • Serampur ...               | 0.35                                  |   |  |  |   |
|                    | • Jhansabad ...              | 2.35                                  |   |  |  |   |
|                    | • Howrah „ 18, '88           | Nil                                   |   |  |  |   |
| Central Districts. |                              |                                       |   |  |  |   |
| Rangpur Div.       | 6 24-Parghs. June 19, '88    | Nil                                   | Weather—abnormally hot and close. Aus rice, jute, and sugarcane doing well. Ploughing and sowing continue. Temperature extremely high and hardly tolerable. In the north boro rice harvest still in progress. Aus rice wants rain badly, but reports are favourable. Indigo manufacture going on well. Rain urgently wanted everywhere. |  |  |   |
|                    | 7 Nadia „ 10, '88            | 0.42                                  |   |  |  |   |
|                    | • Koochta ...                | Nil                                   |   |  |  |   |
|                    | • Meherpur ...               | 0.24                                  |   |  |  |   |
|                    | • Choudanga ...              | 0.10                                  |   |  |  |   |
|                    | • Itanaghat ...              | 0.28                                  |   |  |  |   |
|                    | 8 Khoolna „ 16, '88          | 0.08                                  |   |  |  |   |
|                    | Rangpur Div.                 | 9 Jessore „ 16, '88                   |   | 0.63   | Weather—oppressively hot. North-wester on afternoon of 15th. More rain wanted for young aus in Bagichat; elsewhere it looks well. Cultivation in progress. |   |
|                    |                              | • Jhansidih ...                       |   | 0.12   |  |   |
|                    |                              | • Magura ...                          |   | 4.22   |  |   |
| • Narail ...       |                              | 0.04                                  |   |  |  |   |
| Rangpur Div.       | • Bongaon ...                | 1.21                                  | The week was very hot until yesterday (15th), when a good shower fell. Rain badly wanted. Harvesting of <i>til</i> going on. Sowing of <i>aman dhan</i> progressing. Young <i>aus</i> plants are thriving.  |  |  |   |
|                    | 10 Moorshedabad „ 16, '88    | Nil                                   |   |  |  |   |
|                    | • Lulbagh ...                | 0.05                                  |   |  |  |   |
|                    | • Kandi ...                  | Nil                                   |   |  |  |   |
| Rangpur Div.       | 11 Dinagpur June 16, '88     | 0.84                                  | Weather—very hot. Sowings of <i>haimanti dhan</i> continue. Prospects good.   |  |  |   |
|                    | • Thakurgaon ...             | 0.85                                  |   |  |  |   |
|                    | 12 Rajshahi „ 16, '88        | 0.82                                  |   | Weather—close and sultry; occasionally cloudy. Aus and aman thriving well. Harvesting of boro nearly completed; that of <i>til</i> commenced. Prospects of jute very good. |  |   |
|                    | • Natore ...                 | 1.45                                  |   |  |  |   |
|                    | • Nowgong ...                | 0.88                                  |   |  |  |   |
|                    | 13 Rangpur „ 16, '88         | 0.67                                  |   |  |  |   |
|                    | Rangpur Div.                 | • Kurigram ...                        |   | 4.69   | Weather—hot. Prospects of crops good. Aus is being reaped and aman sown.   |   |
|                    |                              | • Nilphamarj ...                      |   | 1.37   |  |   |
|                    |                              | 14 Bogra „ 18, '88                    |   | 1.43   |  | Weather—muggy. State and prospects of crops good. |
|                    |                              | • Sherpur ...                         |   | 1.81   |  |   |
| • Nowkhilla ...    | 3.95                         |                                       |   |  |  |   |
| Rangpur Div.       | 15 Faria „ 16, '88           | 0.37                                  | Weather—cloudy, and latterly excessively hot. Prospects of crops promising.   |  |  |   |
|                    | • Borsigunge ...             | 1.73                                  |   |  |  |   |
|                    | 16 Darjeeling „ 16, '88      | 1.48                                  |   | Weather—unusually hot and muggy. Transplanting of winter rice going on in Terai. Hill crops doing well. Prospects generally good.  |  |   |
|                    | 17 Jalpigore „ 8, '88        | 8.28                                  |   |  |  |   |
| Eastern Districts. |                              |                                       |   |  |  |   |
| Rangpur Div.       | 18 Dacca ...                 | Return not received.                  | Weather—hot. Jute and aman paddy thriving. Aus paddy in low lands and <i>til</i> are being harvested. Prospects of crops good.  |  |  |   |
|                    | • Manickgunge ...            | 3.18                                  |   |  |  |   |
|                    | • Nariegunge ...             | 3.23                                  |   |  |  |   |
|                    | 19 Farredpur „ 16, '88       | 0.73                                  |   | Weather—very hot. Crops fair, but want of rain is beginning to tell on them a little.  |  |   |
|                    | • Goalundo ...               | 0.25                                  |   |  |  |   |
|                    | • Madaripur ...              | 0.17                                  |   |  |  |   |
|                    | • Borsigunge „ 16, '88       | 2.21                                  |   |  |  |   |
|                    | Rangpur Div.                 | 20 Mymensingh „ 16, '88               |   | 2.79   | Weather—very hot. Prospects of crops good.   |   |
|                    |                              | • Jamalpur ...                        |   | 1.50   |  |   |
|                    |                              | • Kishorgunge ...                     |   | 2.52   |  |   |
| • Agra ...         |                              | 1.48                                  |   |  |  |   |
| Rangpur Div.       | • Moulvibazar ...            | 1.98                                  | Weather—hot. Prospects of crops good, though somewhat damaged by an unusually heavy rain.   |  |  |   |
|                    | • ...                        | ...                                   |   |  |  |   |



| No.                                 | District and date of return. | Rainfall at Mudder Station in inches. | Character of the weather and state and prospects of the crops.  |
|-------------------------------------|------------------------------|---------------------------------------|---|
| <b>BENGAL—continued.</b>            |                              |                                       |   |
| <i>Eastern Districts—continued.</i> |                              |                                       |   |
| <b>CHITTAGONG DIV.</b>              | 22 Chittagong June 19, '88   | 1.18                                  | Weather—hot. Cultivation progressing. Prospects fair. Prices steady.  |
|                                     | 23 Noakhally „ 16, '88       | 1.27                                  | Weather—seasonable. State and prospects of crops generally good.  |
|                                     | Fenny „ „                    | 2.02                                  |   |
|                                     | 24 Tipperah „ 14, '88        | 0.00                                  | Weather—hot and showery. Crops are coming on well.  |
|                                     | Realmanbariah „ „            | 1.58                                  |   |
| <b>CHITTAGONG DIV.</b>              | 25 Chittagong Hill „ „       | 2.10                                  | Weather—cloudy and rainy during the latter part of the week. Sowing is going on. Plants thriving well. Sugarcane doing well.  |
|                                     | Tracta „ „                   | 2.47                                  | Weather—hot. Lands are being prepared for late rice. Chillies gathered. Sugarcane doing well.   |
| <b>DEHAR.</b>                       |                              |                                       |   |
| <b>PATNA DIV.</b>                   | 26 Patna June 13, '88        | 0.60                                  | Weather—very hot. Rain very much wanted. Lands kept prepared for Bhadoi sowings.  |
|                                     | 27 Gya „ 16, '88             | Nil                                   | Weather—very hot. Bhadoi and paddy being sown. Sugarcane being irrigated.   |
|                                     | 28 Shahabad „ 16, '88        | Nil                                   | Weather—exceedingly hot and sultry. Standing crops— <i>chena</i> and sugarcane—in good condition. Land being prepared for Bhadoi sowings.   |
|                                     | Sasaram „ „                  | 0.40                                  |   |
|                                     | 29 Durbhanga „ 16, '88       | 3.20                                  | Weather—sultry. Prospects of early rice and indigo still continue favourable. Bhadoi sowings in progress. Rain much needed. Prices remain stationary.   |
|                                     | 30 Mozaffarpur „ 16, '88     | 1.12                                  | Weather—very hot and sultry. Cloudy to-day (18th). Sowing of Bhadoi crops progressing rapidly. Rain urgently wanted.  |
|                                     | Hajipur „ „                  | 1.13                                  |   |
|                                     | Mitumachhi „ „               | 0.40                                  |   |
|                                     | 31 Saran „ 16, '88           | 0.10                                  | Weather—hot and close; occasionally cloudy. <i>Makai</i> sowings and <i>marua</i> transplantation in progress. Prospects of sugarcane and indigo continue favourable. <i>Chena</i> being harvested; outturn good.   |
|                                     | 32 Sopulganje „ „            | 0.06                                  | Weather—excessively hot. Paddy sowings have come up well. Cutting of indigo plants has been commenced. Prospects good.  |
| <b>BHAGALPORE DIV.</b>              | 33 Champaran „ 16, '88       | 1.16                                  |   |
|                                     | Bettiah „ „                  | 0.70                                  |   |
|                                     | 33 Mounghyr „ 16, '88        | 0.45                                  | Weather—excessively hot and steamy throughout the week. Bhadoi sowings in progress. More rain urgently wanted, specially in south, for paddy sowings.   |
|                                     | Bugheral „ „                 | 0.03                                  |   |
|                                     | Jamui „ „                    | 1.24                                  |   |
|                                     | 34 Bhagalpur „ 16, '88       | Nil                                   | Weather—very hot and oppressive. Ploughing going on. Rain wanted.   |
|                                     | 35 Purneah „ 16, '88         | Nil                                   | Weather—hot; occasionally overcast. All crops doing well.   |
|                                     | Kishengunge „ „              | Nil                                   |   |
|                                     | A. mureh „ „                 | 0.13                                  |   |
|                                     | 36 Maldah „ 16, '88          | 0.04                                  | Weather—sultry with occasional clouds. <i>Boro</i> harvest now over; outturn good. Bhadoi crops doing well. <i>Amun</i> sowing going on. More rain now wanted in thannas English Bazar, Maldah, Ratus and Nawabganje. Common rice selling at an average of 23½ seers per rupee. |
| <b>ORISSA.</b>                      | 37 Sonthal Perglia „ 16, '88 | Nil                                   | Weather—excessively hot and sultry. Rain, wanted everywhere, especially in Deoghur. <i>Dhan</i> seedlings are drying. <i>Boro dhan</i> 12 annas.  |
|                                     | Deoghur „ „                  | 0.47                                  |   |
|                                     | Rajmahal „ „                 | 0.60                                  |   |
|                                     | Pakour „ „                   | 1.09                                  |   |
|                                     | Gudda „ „                    | 1.30                                  |   |
|                                     | 38 Cuttack June 15, '88      | 0.30                                  | Weather—very hot; occasionally cloudy without much rain. Sowing of rice in progress in places. More rain urgently required. Price of rice rising.   |
|                                     | 39 Poores „ 14, '88          | 0.33                                  | Weather—seasonable. Winter rice ( <i>sarad</i> ) sowing going on. <i>Deika</i> crop being harvested. Common rice 21 seers 13 chittacks per rupee in the Mudder Sub-division, and 20 seers 7 chittacks in Khoorda Sub-division.  |
| <b>ORISSA DIV.</b>                  | 40 Balasore „ 15, '88        | 0.30                                  | Weather—oppressively hot. Rain urgently wanted. If it does not rain within a few days, much of the young rice will perish.  |
|                                     |                              |                                       |   |
| <b>CHOTA NAGPORE.</b>               |                              |                                       |   |
| <i>South-West Frontier Agency.</i>  |                              |                                       |   |
| <b>CHOTA NAGPORE DIV.</b>           | 41 Hazaribagh June 16, '88   | 0.27                                  | Weather—bright and clear; very hot and dry. Rain wanted everywhere for early sowings of paddy. Sugarcane doing well.  |
|                                     | 42 Bazaridagga „ 16, '88     | 0.5                                   | Weather—hot. Slight rain during the week. More rain urgently wanted. Rice and Indian corn being sown. Prices steady.  |
|                                     | 43 Singbhoom „ 15, '88       | 1.33                                  | Rain in the early part of the week. Sky clear. Weather intensely hot again. Rice being sown. Sugarcane doing well. Cotton being gathered.   |
|                                     | 44 Manbhoom „ 16, '88        | 0.06                                  | Weather—intensely hot. Rain badly wanted. Everywhere paddy seedlings are withering, and will suffer much unless the rains break soon. <i>Amun</i> is growing. Rice sells at from 16 to 24 seers per rupee.  |
| <b>CHOTA NAGPORE DIV.</b>           | 44 Goriadpora „ „            | Nil                                   |   |
|                                     |                              |                                       |   |

Published for general information.

CALCUTTA, REVENUE DEPT.;  
The 19th June 1888.P. N. N. N.  
Secy. to the Govt. of Bengal.

## Results of the Meteorological Observations taken at the Alipore Observatory from 10th to 16th June 1888.

| Month. | Date. | Maximum in sun. | Number of hours of bright sunshine. | Mean pressure, barometer at 56° Fahr. | TEMPERATURE. |          |        |          | HYGROMETRY.    |                 |            |           | WIND.                      |                 | Rain.   | WEATHER.                 |
|--------|-------|-----------------|-------------------------------------|---------------------------------------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|----------------------------|-----------------|---------|--------------------------|
|        |       |                 |                                     |                                       | Mean.        | Maximum. | Range. | Minimum. | Mean wet bulb. | Vapour tension. | Dew point. | Humidity. | Prevailing direction.      | Miles recorded. |         |                          |
| 1888.  |       | °               |                                     | Inches.                               | °            | °        | °      | °        | °              | Inches.         | °          | %         |                            |                 | Inches. |                          |
| June   | 10th  | 100.4           | 9.2                                 | 29.471                                | 87.1         | 94.4     | 15.2   | 79.2     | 81.9           | 0.978           | 75.6       | 77        | N and variable             | 105             | Nil     | Chiefly cloudy.          |
| "      | 11th  | 104.0           | 9.2                                 | 407                                   | 89.5         | 98.7     | 18.7   | 80.0     | 81.4           | 0.965           | 75.2       | 71        | SWW, WSW and variable.     | 105             | "       | Partially cloudy         |
| "      | 12th  | 103.6           | 11.9                                | 413                                   | 91.0         | 103.2    | 18.9   | 84.3     | 81.0           | 1.021           | 80.9       | 72        | S by W, S and variable.    | 176             | "       | Partially cloudy.        |
| "      | 13th  | 105.6           | 2.8                                 | 409                                   | 92.2         | 105.0    | 23.1   | 81.9     | 83.4           | 1.028           | 80.1       | 70        | SW by S, SSE and variable. | 145             | "       | Partially cloudy.        |
| "      | 14th  | 107.9           | 2.6                                 | 400                                   | 94.2         | 106.6    | 24.5   | 82.1     | 83.5           | 1.010           | 79.5       | 60        | SSE and variable           | 132             | "       | Chiefly cloudy.          |
| "      | 15th  | 105.4           | 3.3                                 | 415                                   | 91.0         | 103.7    | 18.9   | 84.8     | 82.6           | 1.003           | 79.3       | 70        | SSW and variable           | 107             | "       | Chiefly cloudy, O, G, L. |
| "      | 16th  | 147.2           | NIL                                 | 439                                   | 88.2         | 94.4     | 14.7   | 79.7     | 81.3           | 0.975           | 78.5       | 73        | S and SSW                  | 224             | "       | Chiefly cloudy, O.       |

The mean pressure of the seven days ... 29.441

The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.548

The total number of hours of bright sunshine ... 40.0

The maximum possible number of hours of sunshine ... 94.2

The mean temperature of the seven days ... 90.5

The average temperature of the corresponding period for 24 years, S. G.'s Office ... 85.0

The extreme variation of temperature ... 27.4

The maximum temperature ... 106.6

The highest velocity of the wind in one hour ... 17

The highest pressure of wind on one square foot ... Not measurable.

The mean relative humidity ... 71

The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 81

The total fall of rain from 10th to 16th June 1888 ... Nil.

The average fall of the corresponding period for 24 years, S. G.'s Office ... 2.98

The total fall from 1st January to 16th June 1888 ... 14.73

The average fall of the corresponding period for 24 years, S. G.'s Office ... 15.32

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h. 10h. 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g. gloomy, t. thunder.

A. FIEDLER,

For Off. Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;

Calcutta, 16th June 1888.

# Meteorological Report of the Province of Ben

| METEOROLOGICAL DIVISION. | STATION OBSERVATIONS.  |                         |                                 |                            |                      |                            |                     |                      |                  |                     |                  |                           |                                   |  |      |
|--------------------------|------------------------|-------------------------|---------------------------------|----------------------------|----------------------|----------------------------|---------------------|----------------------|------------------|---------------------|------------------|---------------------------|-----------------------------------|--|------|
|                          | DISTRICT.              | Representative station. | AIR PRESSURE.                   |                            |                      | WIND.                      |                     | TEMPERATURE.         |                  |                     |                  |                           |                                   |  |      |
|                          |                        |                         | Mean barometric height, 10 a.m. | Mean reduced to sea-level. | Variation from mean. | Prevailing direction.      | Mean wind velocity. | Highest during week. | Date.            | Lowest during week. | Date.            | Mean maximum temperature. | Mean minimum temperature of week. | Mean daily temperature & variation from normal mean of week. |      |
| CENTRAL.                 | Pooree                 | Pooree                  | 29.72                           | 29.74                      | —                    | WSW & Calm                 | 2.8                 | 92.1                 | 16th June        | 77.1                | 11th June        | 91.0                      | 82.3                              | 86.7   | —    |
|                          | Gopalpore              | Gopalpore               | 29.53                           | 29.53                      | —0.04                | SW                         | 3.0                 | 91.8                 | 15th "           | 78.3                | 12th "           | 90.1                      | 81.9                              | 86.5   | +0.6 |
|                          | False Point            | False Point             | 29.35                           | 29.35                      | —0.02                | South-westerly             | 3.0                 | 103.0                | 14th "           | 77.6                | 10th & 11th June | 90.4                      | 81.5                              | 86.0   | +2.0 |
|                          | Cuttack                | Cuttack                 | 29.40                           | 29.40                      | —0.02                | W                          | 10.0                | 111.4                | 16th "           | 77.0                | 11th "           | 100.0                     | 81.7                              | 86.3   | +5.0 |
|                          | Balasore               | Balasore                | 29.47                           | 29.47                      | —0.02                | Calm                       | 13.7                | 113.6                | 16th "           | 76.7                | 9th "            | 100.0                     | 81.9                              | 86.3   | +1.3 |
|                          | South-West Midnapore   | Saugor Island           | 29.50                           | 29.51                      | —0.01                | SW                         | 4.2                 | 92.5                 | 16th "           | 81.8                | 9th "            | 95.0                      | 81.4                              | 88.4   | +2.2 |
|                          | South 24 Pargunnahs    | Midnapore               | 29.40                           | 29.40                      | —0.02                | SW                         | 13.0                | 112.4                | 14th "           | 73.8                | 13th "           | 104.6                     | 83.1                              | 89.4   | +0.1 |
|                          | 24 Pargunnahs          | Howrah                  | 29.40                           | 29.40                      | —0.02                | Westerly                   | 12.0                | 106.8                | 15th "           | 77.8                | 9th "            | 90.2                      | 81.4                              | 86.3   | +4.1 |
|                          | Hooghly                | Hardwar                 | 29.47                           | 29.47                      | —0.02                | Westerly                   | 6.4                 | 108.7                | 15th "           | 74.4                | 13th "           | 101.7                     | 80.3                              | 91.1   | +4.6 |
|                          | Bardhaman              | Bardhaman               | 29.27                           | —                          | —                    | Westerly                   | 10.4                | 111.6                | 14th "           | 77.5                | 10th & 11th June | 103.0                     | 83.3                              | 93.2   | —    |
| SOUTH-WEST DIVISION.     | Boorthoora             | Banoonganga             | 29.19                           | 29.48                      | —0.27                | South-westerly             | 8.5                 | 111.5                | 14th "           | 75.9                | 9th "            | 105.1                     | 81.9                              | 90.9   | +0.4 |
|                          | West Bardhaman         | Moorthadabad            | 29.44                           | 29.44                      | —0.02                | Variable                   | 7.7                 | 96.7                 | 15th "           | 77.3                | 10th "           | 96.2                      | 80.1                              | 87.7   | +1.4 |
|                          | Nodda                  | Krishnagar              | 29.47                           | 29.47                      | —                    | Variable                   | 8.1                 | 100.8                | 15th "           | 77.2                | 8th "            | 97.0                      | 81.1                              | 89.2   | +3.4 |
|                          | Jessore                | Jessore                 | ?                               | ?                          | ?                    | Variable                   | 11.8                | 101.9                | 15th "           | 77.4                | 10th "           | 97.1                      | 80.6                              | 88.9   | +3.1 |
|                          | Khoolna                | Chittagong              | 29.11                           | 29.00                      | —0.05                | E                          | 0.0                 | 97.2                 | 12th "           | 71.0                | 13th "           | 90.8                      | 76.8                              | 83.8   | —1.6 |
|                          | Chittagong Hill Tracts | Dumail                  | —                               | —                          | —                    | Observations not received. |                     |                      |                  |                     |                  |                           |                                   |  |      |
|                          | Bakergunge             | Bakergunge              | 29.33                           | 29.33                      | —0.05                | SE                         | 9.0                 | 91.8                 | 12th "           | 75.9                | 10th "           | 91.3                      | 80.2                              | 88.3   | +6.3 |
|                          | Noakhali               | Noakhali                | 29.34                           | 29.34                      | —                    | —                          | —                   | 88.8                 | 15th "           | 76.0                | 13th "           | 90.9                      | 79.9                              | 85.0   | —    |
|                          | Faridpore              | Faridpore               | 29.40                           | 29.40                      | —0.01                | South-easterly             | 8.0                 | 95.9                 | 13th "           | 75.9                | 13th "           | 91.7                      | 79.0                              | 85.0   | +2.6 |
|                          | Dacca                  | Dacca                   | 29.51                           | 29.51                      | —0.02                | SE                         | 0.0                 | 98.4                 | 13th "           | 75.1                | 13th "           | 90.2                      | 76.9                              | 86.0   | +1.2 |
| SOUTH DIVISION.          | Comilla                | Comilla                 | 29.37                           | 29.37                      | —0.01                | SE                         | 10.1                | 92.3                 | 13th "           | 71.8                | 13th "           | 90.4                      | 77.3                              | 84.0   | +1.5 |
|                          | Mymensingh             | Mymensingh              | 29.40                           | 29.40                      | —0.01                | E                          | 10.1                | 90.8                 | 13th "           | 74.1                | 15th "           | 87.9                      | 74.7                              | 86.3   | +1.4 |
|                          | Bogra                  | Bogra                   | 29.47                           | 29.47                      | —0.02                | Calm & E                   | 8.5                 | 94.8                 | 13th "           | 73.8                | 14th "           | 90.7                      | 79.8                              | 85.2   | +0.3 |
|                          | Pubna                  | Serajpore               | 29.48                           | 29.48                      | —0.02                | SE                         | 6.3                 | 91.1                 | 13th "           | 75.7                | 13th "           | 90.0                      | 75.9                              | 85.9   | +0.2 |
|                          | Kajahabo               | Kajahabo                | 29.40                           | 29.40                      | —0.02                | SE                         | 3.7                 | 90.0                 | 13th & 14th June | 69.7                | 13th "           | 92.4                      | 73.8                              | 83.1   | —1.1 |
|                          | Naibah                 | Naibah                  | 29.40                           | —                          | —                    | SE                         | 4.0                 | 102.4                | 13th "           | 75.3                | 9th "            | 100.4                     | 76.4                              | 85.6   | —    |
|                          | Dinapore               | Dinapore                | 29.41                           | 29.41                      | —0.02                | SE                         | 0.0                 | 94.1                 | 13th "           | 77.1                | 10th "           | 91.0                      | 78.8                              | 84.9   | +1.3 |
|                          | Kungpore               | Kungpore                | 29.47                           | 29.47                      | —0.02                | SE                         | 13.0                | 90.0                 | 13th "           | 75.7                | 14th & 15th June | 90.0                      | 78.0                              | 86.3   | —1.0 |
|                          | Jalpigore              | Jalpigore               | 29.40                           | 29.40                      | —0.02                | NE                         | 7.7                 | 90.0                 | 14th "           | 71.8                | 13th & 14th June | 85.6                      | 73.8                              | 79.7   | —1.0 |
|                          | Ooch Mehar             | Darjeeling Hill Tracts  | 29.40                           | —                          | —                    | Variable                   | 10.8                | 90.1                 | 14th "           | 69.1                | 11th "           | 69.7                      | 68.0                              | 68.1   | +1.7 |
| SOUTH DIVISION.          | Purnea                 | Purnea                  | 29.40                           | 29.40                      | —0.02                | Calm & Easterly            | 5.0                 | 90.8                 | 15th "           | 75.0                | 10th "           | 92.2                      | 75.0                              | 83.5   | —1.7 |
|                          | North Bhagalpore       | North Bhagalpore        | —                               | —                          | —                    | Observations not received. |                     |                      |                  |                     |                  |                           |                                   |  |      |
|                          | Monroepore             | Monroepore              | 29.33                           | 29.33                      | —0.02                | SE                         | 9.0                 | 97.4                 | 14th & 15th June | 75.8                | 9th "            | 90.0                      | 81.0                              | 88.4   | +1.1 |
|                          | Darbhanga              | Darbhanga               | 29.33                           | 29.33                      | —0.02                | SE                         | 10.7                | 99.0                 | 14th "           | 68.8                | 9th "            | 90.0                      | 77.7                              | 87.3   | —1.2 |
|                          | Champarn               | Champarn                | 29.37                           | 29.37                      | —0.02                | Variable                   | 14.7                | 101.0                | 14th "           | 77.1                | 9th "            | 90.0                      | 82.5                              | 89.3   | —0.3 |
|                          | Baran                  | Baran                   | 29.47                           | 29.47                      | —0.02                | W                          | 14.0                | 112.5                | 14th "           | 78.0                | 9th "            | 107.3                     | 81.4                              | 91.9   | +0.2 |
|                          | Shahabad               | Shahabad                | 29.37                           | 29.37                      | —0.02                | WNW                        | 14.5                | 108.4                | 14th "           | 75.3                | 9th "            | 100.0                     | 83.7                              | 90.7   | +1.0 |
|                          | Arrah                  | Arrah                   | 29.37                           | 29.37                      | —0.02                | North-westerly             | 10.4                | 110.4                | 14th "           | 76.0                | 9th "            | 100.0                     | 81.8                              | 90.5   | +1.7 |
|                          | Gya                    | Gya                     | 29.46                           | 29.46                      | —0.02                | Variable                   | 13.2                | 113.0                | 14th "           | 76.2                | 9th "            | 100.0                     | 77.0                              | 86.3   | +1.9 |
|                          | Patna                  | Patna                   | 29.46                           | 29.46                      | —0.02                | Variable                   | 7.0                 | 100.1                | 14th "           | 75.7                | 9th "            | 102.0                     | 81.4                              | 86.5   | +1.1 |
| SOUTH DIVISION.          | South Bhagalpore       | Bhagalpore              | 29.30                           | 29.30                      | —0.02                | E                          | 11.0                | 97.4                 | 13th & 14th June | 77.6                | 10th "           | 90.0                      | 80.0                              | 85.0   | +0.1 |
|                          | Munghyr                | Munghyr                 | 29.30                           | —                          | —                    | SE                         | 7.0                 | 100.7                | 13th "           | 69.7                | 13th "           | 100.0                     | 81.0                              | 86.0   | —    |
|                          | South Purnea           | South Purnea            | 29.37                           | 29.37                      | —0.02                | NW                         | 14.0                | 100.0                | 14th "           | 75.4                | 9th "            | 90.0                      | 80.0                              | 85.0   | +1.0 |
|                          | Haridwar               | Haridwar                | 29.47                           | 29.47                      | —0.02                | Variable                   | 14.0                | 108.5                | 14th "           | 75.9                | 10th "           | 90.0                      | 80.0                              | 85.0   | +0.5 |
|                          | Shahabad               | Shahabad                | 29.77                           | —                          | —                    | W                          | 8.7                 | 100.8                | 14th & 15th June | 75.0                | 9th "            | 90.0                      | 80.0                              | 85.0   | —    |
|                          | Shahabad               | Shahabad                | 29.37                           | 29.37                      | —0.02                | North-westerly             | 10.7                | 98.0                 | 14th "           | 75.5                | 10th "           | 90.0                      | 80.0                              | 85.0   | —    |
|                          | Shahabad               | Shahabad                | 29.47                           | 29.47                      | —0.02                | Calm                       | 10.7                | 91.0                 | 14th "           | 75.8                | 11th "           | 90.0                      | 80.0                              | 85.0   | —    |
|                          | Shahabad               | Shahabad                | 29.47                           | 29.47                      | —0.02                | Calm                       | 10.7                | 91.0                 | 14th "           | 75.8                | 11th "           | 90.0                      | 80.0                              | 85.0   | —    |
|                          | Shahabad               | Shahabad                | 29.47                           | 29.47                      | —0.02                | Calm                       | 10.7                | 91.0                 | 14th "           | 75.8                | 11th "           | 90.0                      | 80.0                              | 85.0   | —    |
|                          | Shahabad               | Shahabad                | 29.47                           | 29.47                      | —0.02                | Calm                       | 10.7                | 91.0                 | 14th "           | 75.8                | 11th "           | 90.0                      | 80.0                              | 85.0   | —    |

Explanation. — Summary. — The normal means of air pressure and temperature are for the month of June, and the normal means of the humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A barometer is assumed to be the standard, and the average of the rainfall in that district determined from the average of the rain-gauges in that district. The amount of rain in the district is determined by the number of stations. A rain-gauge is assumed to be a standard rain-gauge.

for the week ending Friday, the 15<sup>th</sup> of June 1888.

| DISTRICT OBSERVATIONS.         |   |  |                    |              |                     |              |            |                    |              |            |                               |                              |               |                        | Representative station. | District. | Meteorological Division. |
|--------------------------------|---|--|--------------------|--------------|---------------------|--------------|------------|--------------------|--------------|------------|-------------------------------|------------------------------|---------------|------------------------|-------------------------|-----------|--------------------------|
| Average temperature at 10 A.M. | Average cloud amount at 10 A.M. per week. | Rainfall of week at observing station. | OF WEEK.           |              | RAINFALL.           |              |            |                    |              |            |                               |                              |               |                        |                         |           |                          |
|                                |   |  | Mean for district. | Normal mean. | Since 1st of month. |              |            | Since May 15th.    |              |            | Average number of rainy days. | Normal number of rainy days. |               |                        |                         |           |                          |
|                                |   |  |                    |              | Mean for district.  | Normal mean. | Variation. | Mean for district. | Normal mean. | Variation. |                               |                              |               |                        |                         |           |                          |
| 33                             | 81  | 0.30                                   | 0.80               | 1.40         | 1.27                | 3.08         | -1.41      | 3.00               | 4.40         | -1.40      | 3.6                           | 3.7                          | Pooree        | Pooree                 | Orissa.                 |           |                          |
| 74                             | 27  | 0.20                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | Gopalpore     | Pooree                 | Orissa.                 |           |                          |
| 67                             | 0.0                                       | 0.41                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | False Point   | Pooree                 | Orissa.                 |           |                          |
| 46                             | 4.7                                       | 0.44                                   | 0.70               | 1.00         | 1.23                | 3.07         | -1.80      | 3.55               | 4.00         | -1.44      | 3.0                           | 2.6                          | Outlack       | Outlack                | Orissa.                 |           |                          |
| 36                             | 3.4                                       | 0.30                                   | 0.13               | 1.63         | 1.29                | 3.00         | -1.71      | 3.54               | 3.00         | +0.30      | 0.6                           | 2.6                          | Balasore      | Balasore               | Orissa.                 |           |                          |
| 73                             | —   | 0.09                                   | 0.18               | 1.06         | 0.63                | 3.03         | -3.30      | 3.60               | 3.13         | -2.30      | 1.3                           | 3.3                          | Rangor Island | South-West Midnapore   | Orissa.                 |           |                          |
| 64                             | 1.1                                       | NH.                                    | 0.42               | 1.79         | 2.06                | 4.00         | -1.94      | 4.00               | 4.00         | -1.23      | 0.7                           | 2.6                          | Midnapore     | Midnapore              | Orissa.                 |           |                          |
| 37                             | 2.6                                       | NH.                                    | 0.47               | 2.20         | 3.03                | 4.68         | -0.75      | 7.30               | 7.33         | -0.03      | 0.3                           | 0.3                          | Calcutta      | Midnapore              | Orissa.                 |           |                          |
| 55                             | 1.8                                       | 1.00                                   | 0.37               | 2.10         | 3.70                | 4.37         | -0.44      | 6.40               | 6.30         | -1.40      | 1.3                           | 2.3                          | Hurdwan       | Hurdwan                | Orissa.                 |           |                          |
| 67                             | 3.8                                       | 0.10                                   | 0.9                | 1.90         | 2.08                | 4.08         | -3.00      | 4.48               | 6.10         | -1.64      | 1.6                           | 3.3                          | Bankora       | Bankora                | Orissa.                 |           |                          |
| 56                             | 1.3                                       | 2.41                                   | 0.42               | 2.30         | 2.38                | 3.61         | -1.43      | 4.97               | 6.79         | -1.73      | 0.8                           | 3.0                          | Ransegunge    | Berhampur              | Orissa.                 |           |                          |
| 75                             | 0.4                                       | 0.11                                   | 0.20               | 2.11         | 3.13                | 4.04         | -0.91      | 5.13               | 7.13         | -2.12      | 1.2                           | 2.8                          | Berhampur     | North Midnapore        | Orissa.                 |           |                          |
| 03                             | 2.8                                       | 0.45                                   | 0.16               | 2.50         | 2.80                | 5.23         | -2.34      | 6.33               | 8.73         | -4.41      | 0.8                           | 3.0                          | Krishnagar    | Nuddea                 | Orissa.                 |           |                          |
| 16                             | 0.0                                       | 0.65                                   | 0.28               | 3.11         | 3.80                | 0.12         | -2.33      | 4.60               | 6.40         | -4.71      | 1.4                           | 3.4                          | Jessore       | Jessore                | Orissa.                 |           |                          |
| 63                             | 0.0                                       | 2.08                                   | 0.30               | 7.03         | 3.57                | 13.04        | -10.07     | 13.04              | 18.03        | -4.98      | 3.1                           | 5.0                          | Chittagong    | Chittagong             | Orissa.                 |           |                          |
| 19                             | 0.1                                       | 2.35                                   | 0.77               | 4.04         | 3.17                | 9.03         | -0.70      | 4.02               | 12.06        | -0.23      | 1.0                           | 4.4                          | Dumagiri      | Chittagong Hill Tracts | Orissa.                 |           |                          |
| —                              | —   | 1.42                                   | 1.47               | 6.80         | 4.08                | 13.63        | -0.64      | 5.40               | 16.27        | -0.37      | 2.0                           | 4.4                          | Battul        | Backergunge            | Orissa.                 |           |                          |
| —                              | 4.8                                       | 1.18                                   | 0.70               | 4.7          | 2.42                | 6.09         | -4.13      | 8.51               | 10.01        | -2.01      | 1.3                           | 4.1                          | Barisal       | Barisal                | Orissa.                 |           |                          |
| 21                             | 6.6                                       | 2.10                                   | 2.65               | 3.81         | 4.04                | 6.08         | -2.15      | 8.90               | 14.78        | -1.88      | 2.0                           | 4.7                          | Dacca         | Dacca                  | Orissa.                 |           |                          |
| 79                             | 3.7                                       | 1.08                                   | 1.48               | 4.70         | 4.00                | 6.83         | -3.80      | 12.22              | 13.20        | -0.98      | 2.6                           | 4.3                          | Comilla       | Comilla                | Orissa.                 |           |                          |
| 65                             | 7.4                                       | 1.03                                   | 2.08               | 4.00         | 4.84                | 9.16         | -4.32      | 14.63              | 13.71        | +0.72      | 3.3                           | 4.1                          | Mymensingh    | Mymensingh             | Orissa.                 |           |                          |
| 70                             | 4.0                                       | 1.38                                   | 1.30               | 2.80         | 3.30                | 6.43         | -3.06      | 13.46              | 10.86        | +1.00      | 2.3                           | 3.3                          | Bogra         | Bogra                  | Orissa.                 |           |                          |
| —                              | 3.1                                       | 1.34                                   | 0.74               | 2.78         | 3.40                | 6.03         | -2.03      | 8.37               | 9.84         | +0.08      | 2.6                           | 3.7                          | Sherpur       | Patna                  | Orissa.                 |           |                          |
| 77                             | 3.6                                       | 0.30                                   | 0.60               | 2.41         | 3.15                | 6.80         | -2.74      | 5.01               | 8.20         | -3.10      | 2.0                           | 3.0                          | Rampore       | Rajshahi               | Orissa.                 |           |                          |
| —                              | 3.1                                       | 0.08                                   | 0.03               | 2.40         | 0.70                | 4.13         | -3.35      | 8.23               | 6.90         | -3.73      | 0.1                           | 3.3                          | Makha         | Makha                  | Orissa.                 |           |                          |
| 77                             | 6.6                                       | 0.68                                   | 0.17               | 3.43         | 2.27                | 0.11         | -3.34      | 0.88               | 10.30        | -0.61      | 0.4                           | 3.4                          | Dinapore      | Dinapore               | Orissa.                 |           |                          |
| 63                             | 2.7                                       | 0.77                                   | 1.18               | 4.70         | 4.07                | 6.35         | -4.08      | 13.69              | 16.70        | -3.00      | 1.8                           | 4.1                          | Rangpore      | Rangpore               | Orissa.                 |           |                          |
| 63                             | 1.1                                       | 4.70                                   | 3.04               | 6.18         | 0.81                | 14.16        | -4.34      | 16.29              | 23.26        | -6.07      | 3.2                           | 5.3                          | Jalpaiguri    | Jalpaiguri             | Orissa.                 |           |                          |
| 64                             | —   | 1.32                                   | 4.08               | 7.38         | 7.82                | 11.11        | -3.29      | 12.06              | 19.11        | -5.01      | 4.3                           | 5.6                          | Darjeeling    | Darjeeling Hill Tracts | Orissa.                 |           |                          |
| 76                             | 1.7                                       | NH.                                    | 0.48               | 3.10         | 2.70                | 4.48         | -1.78      | 3.73               | 7.30         | +0.75      | 0.0                           | 2.7                          | Patnab        | North Bengal           | Orissa.                 |           |                          |
| —                              | —   | —                                      | 0.60               | 1.60         | 2.78                | 3.06         | +0.72      | 4.10               | 3.47         | +0.03      | 0.7                           | 1.8                          | Mossurpore    | Mossurpore             | Orissa.                 |           |                          |
| 76                             | 2.6                                       | 2.70                                   | 1.18               | 1.01         | 3.76                | 2.38         | +1.38      | 4.00               | 3.84         | +2.70      | 0.7                           | 1.9                          | Darbhanga     | Darbhanga              | Orissa.                 |           |                          |
| 67                             | 2.9                                       | 0.33                                   | 0.08               | 1.3          | 2.04                | 3.06         | +0.62      | 4.58               | 4.21         | +0.87      | 1.0                           | 2.0                          | Motihari      | Chunpur                | Orissa.                 |           |                          |
| 66                             | —   | 0.21                                   | 0.08               | 1.47         | 1.18                | 1.90         | -0.83      | 3.08               | 3.06         | -1.01      | 0.7                           | 1.3                          | Chupra        | Samna                  | Orissa.                 |           |                          |
| 66                             | 0.6                                       | 0.07                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | Dahra         | —                      | Orissa.                 |           |                          |
| 66                             | 0.9                                       | NH.                                    | 0.10               | 1.08         | 0.90                | 1.20         | -0.77      | 1.36               | 2.18         | -1.73      | 0.6                           | 1.6                          | Buxar         | Shahabad               | Orissa.                 |           |                          |
| 66                             | 0.4                                       | 0.21                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | Arna          | —                      | Orissa.                 |           |                          |
| 67                             | 3.1                                       | 0.39                                   | 1.11               | 0.63         | 1.30                | 1.30         | -0.08      | 1.08               | 2.87         | -1.77      | 0.3                           | 1.6                          | Gya           | Gya                    | Orissa.                 |           |                          |
| 66                             | 1.6                                       | 0.00                                   | 0.16               | 1.04         | 0.63                | 1.47         | -0.66      | 1.98               | 3.60         | -0.08      | 0.0                           | 1.7                          | Bankipore     | Patna                  | Orissa.                 |           |                          |
| 77                             | 3.1                                       | NH.                                    | 0.10               | 1.23         | 1.30                | 3.09         | -0.70      | 3.04               | 3.71         | -0.20      | 0.4                           | 2.3                          | Bhagalpore    | South Bengal           | Orissa.                 |           |                          |
| 64                             | 0.0                                       | 0.00                                   | 0.00               | 1.72         | 1.04                | 3.08         | -1.44      | 3.83               | 5.66         | -0.01      | 0.0                           | 2.7                          | Beonia        | South Bengal           | Orissa.                 |           |                          |
| 66                             | 2.0                                       | 0.00                                   | 0.10               | 1.07         | 0.24                | 2.87         | -2.40      | 0.00               | 4.04         | -0.66      | 0.4                           | 3.1                          | Manabagh      | Manabagh               | Orissa.                 |           |                          |
| 66                             | 2.3                                       | 0.22                                   | 0.00               | 3.06         | 0.77                | 2.80         | -1.43      | 1.78               | 4.21         | -2.43      | 1.6                           | 1.2                          | Ranchi        | Lohardugga             | Orissa.                 |           |                          |
| 66                             | 2.3                                       | 0.22                                   | 0.00               | 1.40         | 1.30                | 3.04         | -2.04      | 3.77               | 6.70         | -2.63      | 0.6                           | 2.0                          | —             | —                      | Orissa.                 |           |                          |
| 66                             | 1.6                                       | 0.00                                   | 0.10               | 1.77         | 1.47                | 2.88         | -1.18      | 3.74               | 5.30         | -1.56      | 1.6                           | 3.8                          | Chyabaga      | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            | —                   | —            | —          | —                  | —            | —          | —                             | —                            | —             | —                      | Orissa.                 |           |                          |
| 66                             | 0.0                                       | 0.00                                   | —                  | —            |                     |              |            |                    |              |            |                               |                              |               |                        |                         |           |                          |

the mean value of the mean for the week is less than the corresponding normal mean, and positive when greater.

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th of June 1888.

| Meteorological Division. | District.    | Station.       | RAINFALL.            |                    |                    |                     |                       |                      |                    | TOTAL.                |                | Total rain-fall since 1st of month. | Average total rain-fall from 1st of month. | Total rain-fall since 18th May. | Average rain-fall from 18th May to date. |
|--------------------------|--------------|----------------|----------------------|--------------------|--------------------|---------------------|-----------------------|----------------------|--------------------|-----------------------|----------------|-------------------------------------|--|---------------------------------|--|
|                          |              |                | Saturday, 17th June. | Sunday, 18th June. | Monday, 19th June. | Tuesday, 20th June. | Wednesday, 21st June. | Thursday, 22nd June. | Friday, 23rd June. | Number of rainy days. | Rainfall week. |                                     |  |                                 |  |
| Calcutta.                | Pooree.      | Pooree         | 0.20                 | 0.14               | 0.00               | 0.10                | 0.00                  | 0.00                 | 0.00               | 3                     | 0.44           | 0.79                                | 1.20                                       | 4.35                            | 3.57                                     |
|                          |              | Khardah        | 0.25                 | 0.40               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 3                     | 1.04           | 2.21                                | 3.25                                       | 4.37                            | 4.37                                     |
|                          |              | Boomer         | 0.15                 | 0.20               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 3                     | 0.35           | 0.35                                | 0.35                                       | 4.37                            | 4.37                                     |
|                          |              | Paik Poin.     | 0.12                 | 0.23               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 3                     | 0.35           | 0.35                                | 0.35                                       | 4.37                            | 4.37                                     |
|                          |              | Pipli          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00           | 0.00                                | 0.00                                       | 4.37                            | 4.37                                     |
|                          | Cuttack.     | Jagatsinghpore | 0.31                 | 1.15               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 4                     | 1.46           | 3.44                                | 1.46                                       | 4.37                            | 4.37                                     |
|                          |              | Banki          | 0.30                 | 0.20               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 4                     | 0.50           | 0.50                                | 0.50                                       | 4.37                            | 4.37                                     |
|                          |              | Cuttack        | 0.04                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 3                     | 0.04           | 0.04                                | 0.04                                       | 4.37                            | 4.37                                     |
|                          |              | Kandarpore     | 0.18                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.18           | 0.18                                | 0.18                                       | 4.37                            | 4.37                                     |
|                          |              | Dharmapala     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00           | 0.00                                | 0.00                                       | 4.37                            | 4.37                                     |
|                          | Balasore.    | Chandimali     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Bhadrachal     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Borah          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Balasore       | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.10           | 0.10                                | 0.10                                       | 0.00                            | 0.00                                     |
|                          |              | Batipada       | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
| S.W. Bengal.             | Midnapore.   | Contal         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Saugor Island  | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Tumlook        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Midnapore      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Chital         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          | 24-Parganas. | Diamond Har-   | 0.00                 | 0.15               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.15           | 0.15                                | 0.15                                       | 0.00                            | 0.00                                     |
|                          |              | bour           | 0.00                 | 0.15               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.15           | 0.15                                | 0.15                                       | 0.00                            | 0.00                                     |
|                          |              | Canning Town.  | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Alipore Jail.  | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Haridwar       | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          | Howrah.      | Dum-Dum        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Barnet         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Barnet         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.00           | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Howrah         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          |              | Howrah         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.00                                | 0.00                                       | 0.00                            | 0.00                                     |
|                          | Hooghly.     | Sargam         | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Hooghly        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | NH                    | NH             | 0.35                                | 0.35                                       | 0.35                            | 0.00                                     |
|                          |              | Jalpaiguri     | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Cutta          | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Burdwan        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Bardwan.     | Cutta          | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Burdwan        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Cutta          | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bardwan        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Bankura.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          | Burdwan.     | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 1                     | 0.35           | 0.35                                | 0.35                                       | 0.00                            | 0.00                                     |
|                          |              | Bankura        | 0.35                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.                   |                    |                       |                |                                     |  |                                 |  |

| Division.           | District.         | Station.           | RAINFALL.          |                 |                  |                   |                     |                    |                  | TOTAL.                      |                         | Total rain-<br>fall since<br>1st of<br>month. | Average<br>total rain-<br>fall from<br>1st of<br>month. | Total rain-<br>fall since<br>1st of May. | Average<br>rainfall<br>from 1st of<br>May to<br>date. |
|---------------------|-------------------|--------------------|--------------------|-----------------|------------------|-------------------|---------------------|--------------------|------------------|-----------------------------|-------------------------|---|---|--|---|
|                     |                   |                    | Saturday,<br>June. | Sunday<br>June. | Monday,<br>June. | Tuesday,<br>June. | Wednesday,<br>June. | Thursday,<br>June. | Friday,<br>June. | Number<br>of<br>rainy days. | of<br>Rainfall<br>week. |   |   |  |   |
| SOUTHERN<br>CANTON. | Kankhal           | Goverdhi<br>Basthi | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
| Kankhal             | Kankhal<br>Basthi | 0.07               | 0.00               | 0.00            | 0.00             | 0.00              | 0.00                | 1                  | 0.07             | 0.07                        | 0.07                    | 7.54  | 0.07  |  |   |
|                     | Kankhal<br>Basthi | 0.07               | 0.00               | 0.00            | 0.00             | 0.00              | 0.00                | 1                  | 0.07             | 0.07                        | 0.07                    | 7.54  | 0.07  |  |   |
| NORTH<br>CANTON.    | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     | Kankhal           | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
|                     |                   | Kankhal<br>Basthi  | 0.07               | 0.00            | 0.00             | 0.00              | 0.00                | 0.00               | 1                | 0.07                        | 0.07                    | 0.07  | 7.54  | 0.07                                     |   |
| Kankhal             | Kankhal<br>Basthi | 0.07               | 0.00               | 0.00            | 0.00             | 0.00              | 0.00                | 1                  | 0.07             | 0.07                        | 0.07                    | 7.54  | 0.07  |  |   |
|                     | Kankhal<br>Basthi | 0.07               | 0.00               | 0.00            | 0.00             | 0.00              | 0.00                | 1                  | 0.07             | 0.07                        | 0.07                    | 7.54  | 0.07  |  |   |

Statement of Rainfall in Bengal for the week ending Friday (8 p.m.), the 15th of June 1888—*cond.*

| Meteorological Division.   | District.          | Station.     | RAINFALL.           |                   |                   |                    |                      |                     |                   | TOTAL.             |                 | Total rain-fall since 1st of month. | Average total rain-fall from 1st of month. | Total rain-fall since 15th May. | Average rainfall from 15th May to date. |
|----------------------------|--------------------|--------------|---------------------|-------------------|-------------------|--------------------|----------------------|---------------------|-------------------|--------------------|-----------------|-------------------------------------|--|---------------------------------|---|
|                            |                    |              | Saturday 10th June. | Sunday 11th June. | Monday 12th June. | Tuesday 13th June. | Wednesday 14th June. | Thursday 15th June. | Friday 16th June. | Number rainy days. | Mean fall week. |                                     |  |                                 |   |
| NORTH BENGAL— <i>cond.</i> | Bareilly           | Gopalganj    | 0.03                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.03            | 1.45                                | 2.17                                       | 2.45                            | 2.95                                    |
|                            |                    | Buxar        | 0.19                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.19            | 1.12                                | 1.40                                       | 1.41                            | 2.47                                    |
| SOUTH BENGAL               | Shahabad           | Chuprah      | 0.01                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.01            | 0.70                                | 1.17                                       | 1.41                            | 2.44                                    |
|                            |                    | Dohuria      | ...                 | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.01            | 0.70                                | 1.17                                       | 1.41                            | 2.44                                    |
|                            | Oye                | Baranagar    | 0.24                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.24            | 0.52                                | 1.35                                       | 0.75                            | 1.95                                    |
|                            |                    | Arwah        | 0.25                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.25            | 0.77                                | 1.40                                       | 1.21                            | 2.45                                    |
|                            | Patna              | Patna        | 0.10                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.10            | 1.01                                | 1.72                                       | 2.41                            | 2.91                                    |
|                            |                    | Barh         | ...                 | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.10            | 1.01                                | 1.72                                       | 2.41                            | 2.91                                    |
|                            | Monghyr            | Begumbari    | 0.35                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.35            | 1.25                                | 2.00                                       | 1.87                            | 3.47                                    |
|                            |                    | Jaunpur      | 0.22                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.22            | 1.25                                | 2.00                                       | 1.87                            | 3.47                                    |
|                            | South Bengal       | Shahjahanpur | 0.12                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.12            | 1.01                                | 1.72                                       | 2.41                            | 2.91                                    |
|                            |                    | Baranagar    | 0.12                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.12            | 1.01                                | 1.72                                       | 2.41                            | 2.91                                    |
|                            | Sonthal Pargannahs | Rajmahal     | 0.08                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.08            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            |                    | Baranagar    | 0.11                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.11            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
| SOUTH BENGAL               | Hamirpuri          | Baranagar    | 0.01                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.01            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            |                    | Baranagar    | 0.01                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.01            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            | Lohardugga         | Lohardugga   | 0.07                | 0.11              | ...               | ...                | ...                  | ...                 | ...               | 2                  | 0.09            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            |                    | Baranagar    | 0.07                | 0.11              | ...               | ...                | ...                  | ...                 | ...               | 2                  | 0.09            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            | Singbhum           | Chandrapur   | 0.17                | 0.25              | ...               | ...                | ...                  | ...                 | ...               | 2                  | 0.21            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            |                    | Chandrapur   | 0.17                | 0.25              | ...               | ...                | ...                  | ...                 | ...               | 2                  | 0.21            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            | Manikpur           | Manikpur     | 0.05                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.05            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |
|                            |                    | Manikpur     | 0.05                | ...               | ...               | ...                | ...                  | ...                 | ...               | 1                  | 0.05            | 1.32                                | 2.07                                       | 2.56                            | 3.47                                    |

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding space in the total rainfall column is left blank.

CALCUTTA, the 19th June 1888.



**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS  
TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 15TH OF  
JUNE 1888.**

The meteorological conditions obtaining over the province at the close of the previous week were those which characterise the hot weather in Bengal, though the winds blowing were decidedly more moist than usual. Moderate and fairly general rain had been received in the week ending the 8th instant, but the rainfall can scarcely be said to have been brought up by the true south-west monsoon current; for the wind systems had been more like the hot weather distribution, than that characteristic of the true rainy season. On the first day of the present week pressure fell rapidly in South-East Bengal, and there was a distinct tendency to cyclonic circulation of winds. A moist south-easterly wind current however prevailed over a large part of the province, though northerly winds were reported at some of the stations in Behar, Chutia Nagpur and West Bengal. Showers on this day were received generally over the whole of Bengal and Assam. On the following day conditions had not changed very largely, but the low pressure of the previous day in South-East Bengal had developed into a distinct barometric depression, the centre of which was probably over the Sunderbans, and which was accompanied by a distinct cyclonic circulation of winds, though their velocities were small. On this day also showers were reported, but they were far less numerous than on the preceding day, and they were to a considerable extent confined to South-East Bengal and Orissa. On Monday, the 11th, the very feeble depression had advanced inland and was near Jessore; on this day rainfall was to a great extent absent over the province, and temperature commenced to rise rapidly. On the 13th pressure continued low over the central parts of the province, and there was a fairly distinct circulation of winds round it. Dry westerly winds set in at the western stations; though they were north-westerly at the northern stations and south-westerly at the southern stations; while elsewhere winds were south-easterly and easterly. With the setting in of these westerly winds, temperature again rose rapidly at the western stations, and the mean temperature varied from  $5^{\circ}$  to  $10^{\circ}$  above the normal at many of the western stations. On the 14th a very distinct area of low pressure existed in Central Bengal, and the lowest pressure in the whole province was reported from Krishnaghar, while winds showed a distinct cyclonic circulation round it. Again, the western and south-western stations were affected by the hot dry winds blowing in a westerly and north-westerly direction, and on this day most excessive temperatures were recorded, the mean temperatures at the western stations being about  $8^{\circ}$  to  $10^{\circ}$  above the normal for the day. On the 15th the area of low pressure had moved a little in a westerly direction, and it was near Burdwan, and with the similar wind distribution which obtained again, most excessive temperatures were reported. With the formation of the feeble depression over the centre of the province, moist southerly winds continued to flow in over the east of the province, and fairly general rain set in on the 13th and 14th in East and North Bengal, though the remainder of the province was practically rainless from about the 10th.

The principal facts of the meteorology of the past week have therefore been a most excessive temperature over the greater part of the province, particularly in the western and south-western districts, unusually low pressure, and absence of rain from most districts. The weather has been in fact of a most unusual character, and instead of the south-west monsoon current flowing over Bengal at this time and giving abundant rain as it normally should do, the greater part of the strength of the monsoon seems to have been deflected in an easterly direction, and it has thus given exceptionally heavy rain at many of the stations in Burma.

**Pressure.**—Has been generally below the normal and, as stated above, a low-pressure area has existed over the south of the province for some days. In fact the mean pressure for the week at many of the southern stations has been nearly a tenth of an inch below the normal, and thus at Saugor Island the defect has been 0.099 inch, at Chittagong 0.095 inch, and at Dacca 0.096 inch. At the inland stations the defects have generally been considerably smaller than this, and for the whole province the mean pressure has been in defect of the normal by only 0.064 inch. In Assam, pressure has been below the normal by 0.089 inch.

**Temperature.**—As stated before, the past week has been noticeable on account of the high temperature registered on some days. The temperature generally was highest on Thursday, the 14th, and the mean temperature of the 24 hours from 10 A.M. of the 14th to 10 A.M. of the 15th was above the normal of the day by the following amounts: at Balasore  $16.1^{\circ}$ , at Midnapore  $13.9^{\circ}$ , at Calcutta  $10.5^{\circ}$ , and at Burdwan  $10.1^{\circ}$ . The maximum temperature recorded at the Alipore Observatory (Calcutta) on the 14th was  $106.8^{\circ}$ . The highest previously recorded temperature since the establishment of the observatory in 1874 has been  $105.6^{\circ}$  on April 14th, 1884, the next highest was  $105.5^{\circ}$  on April 15th, 1885, so that the temperature on this day was certainly  $1.2^{\circ}$  higher than any in Calcutta of which there are thoroughly reliable records, or rather records comparable with those made at the present time. A higher temperature than this even was recorded on this day, the 14th of June 1883 at the Chowringhee Observatory, and the maximum thermometer indicated no less than  $107.2^{\circ}$ . Very high maximum temperatures were also recorded at other stations:—thus Dohree registered  $111.5^{\circ}$  on the 14th, Gaya  $113.6^{\circ}$  on the 14th, Balasore  $113^{\circ}$  on the 15th, Midnapore  $112.4^{\circ}$  on the 14th, and several other stations temperatures above  $110^{\circ}$ . The mean temperature for the whole week has been nearly  $4^{\circ}$  in excess of the normal in Chutia Nagpur, Orissa, and South-West Bengal, about  $2^{\circ}$  above it in East Bengal and South Behar, while temperature has been nearly normal in North Bengal and North Behar. For the whole province of Bengal temperature has been more than  $2^{\circ}$  above the normal. In Assam temperature has been  $0.4^{\circ}$  in excess of the normal.



**Rainfall.**—The only rainfall of importance has been in East and North Bengal, which have received an average of about one and-a-half inches; North Behar and Orissa have received an average fall of half an inch; and South-West Bengal about a third of an inch. South Behar and Chutia Nagpur have received average falls of less than two-tenths an inch. In all cases, therefore, rainfall has been very largely below the normal.

In Assam the following rainfalls have been recorded during the week:—Silchar 4.79 inches, Silangar 1.03 inches, and Dhubri 0.05 inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 15th of June 1888:—

| METEOROLOGICAL<br>DIVISIONS. | TEMPERATURE.                  |                              |                         |                        |                       |  |          | RAINFALL.       |            |                         |                                |            |                     |                 |                   |                 |
|------------------------------|-------------------------------|------------------------------|-------------------------|------------------------|-----------------------|--|----------|-----------------|------------|-------------------------|--------------------------------|------------|---------------------|-----------------|-------------------|-----------------|
|                              | Highest observed during week. | Lowest observed during week. | Averages for week.      |                        |                       | Average mean of week above or below normal mean of week. | Of week. |                 |            | Rainy days.             |                                |            | Since 1st of month. |                 | Since 1st of May. |                 |
|                              |                               |                              | Of highest of each day. | Of lowest of each day. | Of mean for each day. |  | Average. | Normal average. | Variation. | Average number in week. | Normal average number in week. | Variation. | Average.            | Normal average. | Average.          | Normal average. |
|                              |                               |                              |                         |                        |                       |  |          |                 |            |                         |                                |            |                     |                 |                   |                 |
| Orissa ... ..                | 115.0                         | 76.7                         | 86.0                    | 82.0                   | 80.0                  | +5.4   | 0.50     | 1.51            | -1.01      | 1.5                     | 3.9                            | -2.4       | 1.21                | 2.50            | 2.29              | 5.00            |
| South-West Bengal ...        | 112.4                         | 73.8                         | 90.6                    | 81.5                   | 80.6                  | +3.0   | 0.38     | 2.30            | -1.92      | 1.0                     | 3.2                            | -2.2       | 3.04                | 4.08            | 3.25              | 7.08            |
| East Bengal ... ..           | 87.9                          | 71.5                         | 80.9                    | 78.3                   | 84.1                  | +1.0   | 1.75     | 4.67            | -2.92      | 2.3                     | 4.6                            | -2.3       | 4.01                | 0.17            | 10.45             | 15.40           |
| North Bengal ... ..          | 102.2                         | 65.7                         | 91.4                    | 70.3                   | 83.9                  | -0.5   | 1.38     | 4.33            | -2.95      | 1.8                     | 3.8                            | -2.0       | 4.33                | 5.10            | 11.21             | 12.70           |
| North Behar ... ..           | 101.9                         | 68.3                         | 85.2                    | 79.2                   | 87.2                  | -0.4   | 0.60     | 2.07            | -1.47      | 0.7                     | 2.1                            | -1.4       | 2.53                | 2.90            | 5.58              | 5.44            |
| South Behar ... ..           | 114.5                         | 75.7                         | 102.8                   | 81.5                   | 92.2                  | +2.4   | 0.14     | 1.34            | -1.20      | 0.4                     | 3.1                            | -2.7       | 1.00                | 1.96            | 2.50              | 5.97            |
| On the Ganges ... ..         | 100.0                         | 72.8                         | 89.2                    | 79.3                   | 80.8                  | +4.2   | 0.37     | 1.81            | -1.44      | 0.7                     | 3.1                            | -2.4       | 0.71                | 2.71            | 4.08              | 5.00            |
| Assam ... ..                 | 83.6                          | 76.3                         | 84.8                    | 77.1                   | 83.0                  | +0.4   |          |                 |            |                         |                                |            |                     |                 |                   |                 |

\* Obysbass not included.

METEOROLOGICAL OFFICE, BENGAL;  
The 18th June 1888.

A. PEDLER,  
Offg. Meteorological Reporter to the Govt. of Bengal.

#### Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 10th to 16th June 1888.

| MONTH. | Date. | TEMPERATURE. |          |        |          | Mean wet bulb. | HYGROMETRY.     |            |           | Rain.   |
|--------|-------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|---------|
|        |       | Mean.        | Maximum. | Range. | Minimum. |                | Vapour tension. | Dew point. | Humidity. |         |
| 1888.  |       |              |          |        |          |                | Inches.         |            | %         | Inches. |
| June   | 10th  | 87.0         | 96.0     | 10.2   | 79.3     | 81.0           | .878            | 78.6       | 76        | Nil.    |
| "      | 11th  | 89.1         | 101.0    | 21.2   | 79.8     | 80.9           | .9.45           | 77.5       | 80        | "       |
| "      | 12th  |              |          |        |          |                |                 |            |           |         |
| "      | 13th  |              |          |        |          |                |                 |            |           |         |
| "      | 14th  |              | 107.2    |        |          |                |                 |            |           |         |
| "      | 15th  | 80.1         | 104.8    | 19.8   | 85.0     | 81.8           | .876            | 78.6       | 76        | "       |
| "      | 16th  | 87.0         | 95.8     | 16.2   | 80.6     | 81.4           | .898            | 79.2       | 78        | "       |

Observations not taken owing to repairs of the shed.

The mean temperature of the four days ... 83.3  
The extreme variation of temperature ... 27.4  
The maximum temperature ... 107.2

The mean relative humidity ... 78

The total fall of rain from 10th to 16th June 1888 ... Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10th, 14th, and 16th readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;  
The 18th June 1888.

A. PEDLER,  
Offg. Meteorological Reporter to the Govt. of Bengal.

**MEMORANDUM.**

The birth and death returns of the principal Municipalities in Bengal yield the following results for the week ending 2nd June 1888 :—

1. The ratios per mille of births and deaths for the period above referred to stand at—births 15·8, and deaths 19·6; the corresponding figures of the preceding week ending 26th May, being 18·4 and 22·6 respectively, indicating a falling off in the registration of both the events.

2. In the following Municipalities births and deaths are reported to have been recorded at the highest rates :—

| <i>Births.</i> |     |                  | <i>Deaths.</i>      |     |                  |
|----------------|-----|------------------|---------------------|-----|------------------|
|                |     | Ratio per mille. |                     |     | Ratio per mille. |
| Bhagulpore     | ... | 37               | Darjiling           | ... | 32·8             |
| Mouglhyr       | ... | 32·5             | Gya                 | ... | 32·2             |
| Gya            | ... | 30·8             | Chittagong          | ... | 30·5             |
|                |     |                  | Suburbs of Calcutta | ... | 29·6             |

3. In comparison with the results of the preceding week, there was a diminution of mortality, to a more or less extent, from all the diseases, excepting small-pox, *cide* figures given below :—

|                  |     |     |     |     |     | Ratio per mille during the weeks ending— |                |
|------------------|-----|-----|-----|-----|-----|--|----------------|
|                  |     |     |     |     |     | 2nd June 1888.                           | 26th May 1888. |
| Cholera          | ... | ... | ... | ... | ... | 3·0                                      | 3·6            |
| Small-pox        | ... | ... | ... | ... | ... | 1  | ·03            |
| Fever            | ... | ... | ... | ... | ... | 7·9                                      | 8·7            |
| Bowel-complaints | ... | ... | ... | ... | ... | 2·9                                      | 3·0            |
| Injury           | ... | ... | ... | ... | ... | 4  | 7              |
| Other causes     | ... | ... | ... | ... | ... | 5·3                                      | 6·5            |

4. Of the above-named diseases, cholera and the maladies classed under the head of "Other causes" were more fatal to life in the following Municipalities :—

| <i>Cholera.</i>     |     |                  | <i>Other causes.</i> |     |                  |
|---------------------|-----|------------------|----------------------|-----|------------------|
|                     |     | Ratio per mille. |                      |     | Ratio per mille. |
| Chittagong          | ... | 14·1             | Puri                 | ... | 12·7             |
| Suburbs of Calcutta | ... | 6·8              | Serampore            | ... | 11·8             |
| Patna               | ... | 5·8              | Midnapore            | ... | 10·8             |
| Durbhunga           | ... | 2·9              |                      |     |                  |
| Gya                 | ... | 3·4              |                      |     |                  |

5. The mortality of the week classified under the heads of *Sex*, *Class* and *Age* stood as follows :—

| <i>According to Sex.</i>                        |                  | <i>According to Class.</i> |                  | <i>According to Age.</i> |                  |
|---|------------------|----------------------------|------------------|--------------------------|------------------|
|   | Ratio per mille. |                            | Ratio per mille. |                          | Ratio per mille. |
| Males   | 20·9             | Christians                 | 21·7             | Under 1 year             | 144·1            |
| Females   | 16·9             | Hindus                     | 19·2             | 1 and under 5 years      | 83·2             |
| Ratio of male deaths to every 100 female deaths | 128              | Mahomedans                 | 20·7             | 5 " 10 "                 | 13·1             |
|   |                  | Other classes              | 26·4             | 10 " 15 "                | 13·1             |
|   |                  |                            |                  | 15 " 20 "                | 12·0             |
|   |                  |                            |                  | 20 " 30 "                | 10·9             |
|   |                  |                            |                  | 30 " 40 "                | 12·8             |
|   |                  |                            |                  | 40 " 50 "                | 14·3             |
|   |                  |                            |                  | 50 " 60 "                | 20·2             |
|   |                  |                            |                  | 60 years and upwards     | 42·6             |

R. LIDDERDALE, M.D., *Deputy Surgeon-General,*  
*Sanitary Commissioner for Bengal.*

The 16th June 1888.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 2nd June 1936.

[illegible]

**MORTALITY ACCORDING TO:**

[illegible]

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,  
24<sup>th</sup> 18<sup>th</sup> June 1898.

**R. LIDDERDALE, M.D.,** *Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing quantities of Goods carried during the month of April 1888.

## ORISSA CIRCLE.

## TALDUNDAN CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDAN CANAL, 27 MILES.  
MACHSUNG " 4 "

| Number of boats or rafts.                        | DESCRIPTION.                      | TOTAL GOVERNMENT AND PRIVATE. |                    |                    |  | PRIVATE.         |                      | REMARKS. |
|--|-----------------------------------|-------------------------------|--------------------|--------------------|--|------------------|----------------------|----------|
|  |                                   | Quantity—Tons.                |                    |                    | Value.   | Quantity.        | Value.               |          |
|  |                                   | Up.                           | Down.              | Total.             | Rupees.  | Tons.            | Rupees.              |          |
| 20   | 1. Grain ...                      | 4                             | 326                | 330                | 6,850  | 330              | 6,850                |          |
| ...  | 2. Cotton ...                     | .....                         | .....              | .....              | .....  | .....            | .....                |          |
| 1  | 3. Oilseeds ...                   | .....                         | 1                  | 1                  | 75   | 1                | 75                   |          |
| .....  | 4. Salt ...                       | .....                         | .....              | .....              | .....  | .....            | .....                |          |
| .....  | 5. Piece-goods ...                | .....                         | .....              | .....              | .....  | .....            | .....                |          |
| .....  | 6. Metal ...                      | .....                         | .....              | .....              | .....  | .....            | .....                |          |
| 20   | 7. Building materials ...         | .....                         | 284                | 284                | 757  | 278              | 657                  |          |
| 4  | 8. Miscellaneous ...              | 2                             | 31                 | 33                 | 4,385  | 33               | 4,385                |          |
| 5  | 9. Fuel ...                       | .....                         | 37                 | 37                 | 230  | 37               | 230                  |          |
| 22 rafts   | 10. Timber ...                    | .....                         | 181 No.            | 181 No.            | 417  | 181 No.          | 417                  |          |
| 30 "   | 11. Bamboos ...                   | .....                         | 22,800 "           | 22,800 "           | 382  | 22,800 "         | 382                  |          |
| 50 & 52 rafts.                                   | 12. Total ...                     | 6 {                           | 679 & 22,981 No.   | 685 & 22,981 No.   | 13,096 {   | 679 & 22,981 No. | 12,896 {             |          |
| 91 & 38 rafts.                                   | 13. Total of same month last year | ..... {                       | 1,037 & 29,167 No. | 1,037 & 29,167 No. | 9,632 {  | 918 & 29,167 No. | 9,363 {              |          |
| 14. Total number of boats plying cargo No.       |                                   | 2                             | 48                 | 50                 | Total tollage of month—<br>24 + 25 + 26                      |                  | Rs. A. P.<br>873 1 9 |          |
| 15. Total number of boats plying passenger No.   |                                   | 15                            | .....              | 15                 | Total tollage of same month last year                        |                  | 510 2 0              |          |
| 15½. Total number of empty boats ... No.         |                                   | 65                            | 22                 | 87                 |  |                  |                      |          |
| 16. Total registered tonnage, cargo ... Tons     |                                   | 21                            | 1,118              | 1,139              |  |                  |                      |          |
| 17. Total registered tonnage, passenger ... Tons |                                   | 462                           | .....              | 462                | Memorandum of Tollage.                                       |                  |                      |          |
| 18. Ton-mileage ...                              |                                   | 1,512                         | 21,242             | 22,754             |  |                  |                      |          |
| 19. Estimated value of cargo Ra.                 |                                   | 100                           | 12,197             | 12,297             |  |                  |                      |          |
| 20. Number of passengers ...                     |                                   | 774                           | .....              | 774                | 1. Balance not recovered on the 1st of the month ... 187 ■ 4 |                  |                      |          |
| 21. Rafts, bamboos No.                           |                                   | .....                         | 22,800             | 22,800             | 2. Tollage per month ... 873 1 9                             |                  |                      |          |
| 22. Do., bulahs "                                |                                   | .....                         | 181                | 181                |  |                  |                      |          |
| 23. Estimated value of rafts Ra.                 |                                   | .....                         | 799                | 799                |  |                  |                      |          |
| 24. Tollage on boats Ra.                         |                                   | 108-10-9                      | 222-2-0            | 323-12-9           | 3. Total ... 511 0 1   |                  |                      |          |
| 25. Compounded tollage on boats ... Ra.          |                                   | .....                         | .....              | .....              | 4. Amount credited in the accounts of the month ... 323 10   |                  |                      |          |
| 26. Tollage on rafts "                           |                                   | .....                         | 44-5-0             | 44-5-0             |  |                  |                      |          |
| 27. Total tollage on boats per ton-mile          |                                   | .....                         | .....              | 0-0-2½             |  |                  |                      |          |
| 28. Total tollage on rafts per 100 cubic feet    |                                   | .....                         | .....              | .....              |  |                  |                      |          |

## KENDRAPARA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 75 MILES.

| Number of boats & rafts.                     | DESCRIPTION.                      | TOTAL GOVERNMENT AND PRIVATE. |                      |                      | PRIVATE.   |                       | REMARKS.                |
|--|-----------------------------------|-------------------------------|----------------------|----------------------|--|-----------------------|-------------------------|
|  |                                   | Quantity—Tons.                |                      |                      | Quantity.  | Value.                |                         |
|  |                                   | Up.                           | Down.                | Total.               | Tons.  | Rupees.               |                         |
| 284  | 1. Grain ...                      | 1,086                         | 2,003                | 3,089                | 3,089  | 1,58,810              |                         |
| .....  | 2. Cotton ...                     | .....                         | .....                | .....                | .....  | .....                 |                         |
| 8  | 3. Oilseeds ...                   | .....                         | 62                   | 62                   | 62   | 6,970                 |                         |
| 12   | 4. Salt ...                       | 23                            | 43                   | 66                   | 66   | 6,100                 |                         |
| .....  | 5. Piece-goods ...                | .....                         | .....                | .....                | .....  | .....                 |                         |
| .....  | 6. Metal ...                      | .....                         | .....                | .....                | .....  | .....                 |                         |
| 120  | 7. Building materials ...         | 2                             | 1,551                | 1,553                | 949  | 12,590                |                         |
| 185  | 8. Miscellaneous ...              | 761                           | 474                  | 1,235                | 1,235  | 2,82,470              |                         |
| 6  | 9. Fuel ...                       | 8                             | 18                   | 26                   | 26   | 70                    |                         |
| 1 raft                                       | 10. Timber ...                    | .....                         | 2,324 No.            | 2,324 No.            | 2,324 No.  | 5,600                 |                         |
| 1 "  | 11. Bamboos ...                   | .....                         | 91,500 "             | 91,500 "             | 91,500 "   | 1,500                 |                         |
| 225 & 1 raft                                 | 12. Total ...                     | 1,880                         | { 4,151 & 93,824 No. | { 6,031 & 93,824 No. | { 5,427 & 93,824 No.   | { 4,74,110 } 4,72,120 |                         |
| 69 & 1 raft.                                 | 13. Total of same month last year | 2,172                         | { 2,473 & 71,071 No. | { 4,645 & 71,071 No. | { 3,871 & 71,071 No.   | { 4,42,720 } 4,38,320 |                         |
|  |                                   | Up.                           | Down.                | Total.               |  |                       |                         |
| Total number of boats plying cargo No.       |                                   | 244                           | 311                  | 625                  | Total tollage of month—<br>24+25+26 ...                                    |                       | Rs. A. P.<br>6,983 10 0 |
| Total number of boats plying passenger No.   |                                   | 39                            | 40                   | 85                   | Total tollage of same month last year ...                                  |                       | 6,113 11 0              |
| Total number of empty boats No.              |                                   | 254                           | 353                  | 607                  | Memorandum of Tollage.   |                       |                         |
| Total registered tonnage, cargo Tons         |                                   | 3,314                         | 6,333                | 9,647                |  |                       |                         |
| Total registered tonnage, passenger Tons     |                                   | 991                           | 1,117                | 2,108                |  |                       |                         |
| Ton-mileage ...                              |                                   | 123,217                       | 208,529              | 331,746              |  |                       |                         |
| Estimated value of cargo Rs.                 |                                   | 2,32,140                      | 2,31,870             | 4,67,010             |  |                       |                         |
| Number of passengers ...                     |                                   | 1,363                         | 1,385                | 2,753                |  |                       |                         |
| Rafts, timber No.                            |                                   | .....                         | 91,500               | 91,500               |  |                       |                         |
| Do., bamboos "                               |                                   | .....                         | 2,324                | 2,324                |  |                       |                         |
| Estimated value of rafts ...                 |                                   | .....                         | 7,100                | 7,100                |  |                       |                         |
| Tollage on boats Rs.                         |                                   | 2,722-4-6                     | 4,055-7-9            | 6,777-12-3           |  |                       |                         |
| Compounded tollage on boats Rs.              |                                   | .....                         | .....                | .....                |  |                       |                         |
| Tollage on rafts "                           |                                   | .....                         | 205-13-9             | 205-13-9             |  |                       |                         |
| Total tollage on boats per ton-mile ...      |                                   | .....                         | .....                | 0-0-4                |  |                       |                         |
| Total tollage on rafts per 100 cubm feet ... |                                   | .....                         | .....                | 0-5-8                |  |                       |                         |
|  |                                   |                               |                      |                      | 1. Balances not recovered on the 1st of the month ...                      |                       | Rs. A. P.<br>6,925 3 5  |
|  |                                   |                               |                      |                      | 2. Tollage per month ...   |                       | 6,983 10 0              |
|  |                                   |                               |                      |                      | Deduct amount erroneously charged on B. I. S. N. Co. during March 1888 ... |                       | 3 0 0                   |
|  |                                   |                               |                      |                      | 3. Total ...   |                       | 13,905 13 5             |
|  |                                   |                               |                      |                      | 4. Amount credited in the accounts of the month ...                        |                       | 3,912 6 5               |
|  |                                   |                               |                      |                      | 5. Balance due at the end of the month ...                                 |                       | 10,893 6 9              |

## HIGH LEVEL CANAL, RANGE I.

LENGTH OF CANAL OPEN, 34 MILES.

| Number of boats or rafts. | Description.                                  | TOTAL GOVERNMENT AND PRIVATE. |                     |                   | PRIVATE.   |                     | Revenue. |
|---------------------------|---|-------------------------------|---------------------|-------------------|--|---------------------|----------|
|                           |   | Quantity—Tons.                |                     |                   | Value.   | Quantity.           |          |
|                           |   | Up.                           | Down.               | Total.            | Rupces.  | Tons.               |          |
| 158                       | 1. Grain ...                                  | 515                           | .....               | 515               | 32,950   | 515                 | 32,950   |
| 3                         | 2. Cotton ...                                 | .....                         | 9                   | 9                 | 1,300  | 9                   | 1,300    |
| .....                     | 3. Oilseeds ...                               | .....                         | .....               | .....             | .....  | .....               | .....    |
| 40                        | 4. Salt ...                                   | .....                         | 163                 | 163               | 13,590   | 163                 | 13,590   |
| .....                     | 5. Piece-goods ...                            | .....                         | .....               | .....             | .....  | .....               | .....    |
| .....                     | 6. Metal ...                                  | .....                         | .....               | .....             | .....  | .....               | .....    |
| 82                        | 7. Building materials ...                     | 178                           | 750                 | 926               | 1,790  | 178                 | 1,240    |
| 157                       | 8. Miscellaneous ...                          | 429                           | 119                 | 548               | 17,990   | 548                 | 17,990   |
| 48                        | 9. Fuel ...                                   | 307                           | .....               | 307               | 850  | 307                 | 850      |
| .....                     | 10. Timber ...                                | .....                         | .....               | .....             | .....  | .....               | .....    |
| 1 raft                    | 11. Bamboos ...                               | .....                         | 1,200 No.           | 1,200 No.         | 20   | 1,200 No.           | 20       |
| 488 & 1 raft.             | 12. Total ...                                 | 1,427                         | { 1,041 & 1,200 No. | 2,468 & 1,200 No. | 68,490   | { 1,720 & 1,200 No. | 67,940   |
| 419 & 6 rafts.            | 13. Total of same month last year             | { 1,182 & 1,124 No.           | 517 & 1,500 No.     | 1,699 & 2,624     | { 95,910   | { 1,642 & 2,624     | 95,810   |
|                           |   | Up.                           | Down.               | Total.            |  |                     | Rs. A    |
| 14.                       | Total number of boats plying cargo No.        | 352                           | 136                 | 488               | Total tollage of month—24 + 25 + 26 ...              |                     | 995 4    |
| 15.                       | Total number of boats plying passenger No.    | 1                             | 2                   | 3                 |  |                     | •        |
| 15½.                      | Total number of empty boats No.               | 140                           | 243                 | 383               | Total tollage of same month last year ...            |                     | 802 12   |
| 16.                       | Total registered tonnage, cargo Tons          | 2,790                         | 1,781               | 4,551             | Memorandum of Tollage.                               |                     |          |
| 17.                       | Total registered tonnage, passenger Tons      | 1                             | 3                   | 4                 |  |                     | Rs. A    |
| 18.                       | Ton-mileage ...                               | 35,567                        | 13,576              | 49,145            |  |                     |          |
| 19.                       | Estimated value of cargo Ra.                  | 38,160                        | 30,310              | 68,470            | 1. Balance not recovered on the 1st of the month ... |                     | 176 5    |
| 20.                       | Number of passengers ...                      | 3                             | 8                   | 11                |  |                     |          |
| 21.                       | Rafts, bamboos No.                            | .....                         | 1,200               | 1,200             | 2. Tollage per month ...                             |                     | 999 4    |
| 22.                       | Do., bullahs "                                | .....                         | .....               | .....             |  |                     |          |
| 23.                       | Estimated value of rafts ...                  | .....                         | 20                  | 20                |  |                     |          |
| 24.                       | Tollage on boats Ra.                          | 670-2-0                       | 328-6-8             | 998-8-8           | 3. Total ...   |                     | 1,775 10 |
| 25.                       | Compounded tollage on boats Ra.               | .....                         | .....               | .....             | 4. Amount credited in the accounts of the month ...  |                     | 789 8    |
| 26.                       | Tollage on rafts "                            | .....                         | 0-12-0              | 0-12-0            |  |                     |          |
| 27.                       | Total tollage on boats per ton-mile ...       | .....                         | .....               | 0-0-4             |  |                     |          |
| 28.                       | Total tollage on rafts per 100 cubic feet ... | .....                         | .....               | 0-1-0             | 5. Balance due at the end of the month ...           |                     | 985      |

**HIGH LEVEL CANAL, RANGE II:**  
**LENGTH OF CANAL OPEN, 12½ MILES.**

| Number of boats or rafts. | DESCRIPTION.                                   | TOTAL GOVERNMENT AND PRIVATE. |                        |                        | PRIVATE.   |                      |          | REMARKS.  |
|---------------------------|--|-------------------------------|------------------------|------------------------|--|----------------------|----------|-----------|
|                           |  | Quantity—Tons.                |                        |                        | Value.   | Quantity.            | Value.   |           |
|                           |  | Up.                           | Down.                  | Total.                 | Rupies.  | Tons.                | Rupies.  |           |
| 83                        | 1. Grain                                       | 256                           | 4                      | 260                    | 11,024   | 260                  | 11,024   |           |
| .....                     | 2. Cotton                                      | .....                         | .....                  | .....                  | .....  | .....                | .....    |           |
| 17                        | 3. Oilseeds                                    | .....                         | 41                     | 41                     | 3,798  | 41                   | 3,798    |           |
| 4                         | 4. Salt  | .....                         | 27                     | 27                     | 3,730  | 27                   | 3,730    |           |
| 2                         | 5. Piece-goods                                 | .....                         | 2                      | 2                      | 600  | 2                    | 600      |           |
| .....                     | 6. Metal                                       | .....                         | .....                  | .....                  | .....  | .....                | .....    |           |
| 103                       | 7. Building materials                          | 18                            | 934                    | 952                    | 1,430  | .....                | .....    |           |
| 10                        | 8. Miscellaneous                               | 2                             | 36                     | 38                     | 5,991  | 38                   | 5,991    |           |
| 3                         | 9. Fuel  | .....                         | 1                      | 1                      | 10   | 1                    | 10       |           |
| 10 rafts                  | 10. Timber                                     | 21 No.                        | 245 No.                | 266 No.                | 900  | 243 No.              | 927      |           |
| 23 "                      | 11. Bamboos                                    | .....                         | 8,200 "                | 8,200 "                | 820  | 8,200 "              | 820      |           |
| 222 &<br>33 rafts.        | 12. Total                                      | { 276 &<br>21 No.             | { 1,045 &<br>8,445 No. | { 1,321 &<br>8,466 No. | { 27,663<br>8,443 No.                            | { 365 &<br>8,443 No. | { 26,200 |           |
| 410 &<br>53 rafts.        | 13. Total of same month last year ..           | { 331 &<br>100 No.            | { 584½ &<br>12,928 No. | { 915½<br>13,018       | { 50,511<br>556½                                 | { 556½               | { 49,851 |           |
|                           |  | Up.                           | Down.                  | Total.                 |  |                      |          | Rs. A. P. |
| 14.                       | Total number of boats plying cargo ... No.     | 81                            | 138                    | 222                    | Total tollage of month—<br>24+25+26              |                      |          | 557 15 3  |
| 15.                       | Total number of boats plying passenger ... No. | .....                         | 1                      | 1                      |  |                      |          |           |
| 15½.                      | Total number of empty boats ... No.            | 145                           | 80                     | 234                    | Total tollage of same month last year            |                      |          | 462 6 0   |
| 16.                       | Total registered tonnage, cargo ... Tons       | 552                           | 2,090                  | 2,642                  |  |                      |          |           |
| 17.                       | Total registered tonnage, passenger ... Tons   | .....                         | 2                      | 2                      | Memorandum of Tollage                            |                      |          |           |
| 18.                       | Ton-mileage ...                                | 15,714                        | 24,366                 | 40,080                 |  |                      |          | Rs. A. P. |
| 19.                       | Estimated value of cargo Rs.                   | 10,674                        | 15,909                 | 26,583                 | 1. Balance not recovered on the 1st of the month |                      |          |           |
| 20.                       | Number of passengers ...                       | 121                           | 120                    | 241                    |  |                      |          |           |
| 21.                       | Rafts, bamboos No.                             | .....                         | 8,200                  | 8,200                  |  |                      |          |           |
| 22.                       | Do., timber "                                  | 21                            | 245                    | 266                    | 2. Tollage per month                             |                      |          | 557 15 3  |
| 23.                       | Estimated value of rafts ...                   | .....                         | 1,075                  | 1,080                  |  |                      |          |           |
| 24.                       | Tollage on boats Rs.                           | 158-12-6                      | 373-10-9               | 532-7-3                | 3. Total   |                      |          | 557 15 3  |
| 25.                       | Compounded tollage on boats ... Rs.            | .....                         | .....                  | .....                  | 4. Amount credited in the accounts of the month  |                      |          | 556 4 3   |
| 26.                       | Tollage on rafts "                             | 0-1-9                         | 25-6-3                 | 25-8-0                 |  |                      |          |           |
| 27.                       | Total tollage on boats per ton-mile ...        | .....                         | .....                  | 0-0-2-5                |  |                      |          |           |
| 28.                       | Total tollage on rafts per 100 cubic feet ...  | .....                         | .....                  | 0-4-9                  | 5. Balance due at the end of the month           |                      |          | 1 11 9    |



## HIGH LEVEL CANAL, RANGE III.

LENGTH OF CANAL OPEN, 19 MILES.

| Number of boats or rafts.                         | Description.                       | TOTAL GOVERNMENT AND PRIVATE. |               |               |  | PRIVATE.       |           | REMARKS. |
|---|------------------------------------|-------------------------------|---------------|---------------|--|----------------|-----------|----------|
|   |                                    | Quantity—Tons                 |               |               | Value.   | Quantity.      | Value.    |          |
|   |                                    | Up.                           | Down.         | Total.        | Rupces.  | Tons.          | Rupces.   |          |
| 47  | 1. Grain ...                       | 116                           | .....         | 116           | 6,223  | 116            | 6,223     |          |
| .....   | 2. Cotton ...                      | .....                         | .....         | .....         | .....  | .....          | .....     |          |
| 3   | 3. Oilseeds ...                    | .....                         | 11            | 11            | 962  | 11             | 962       |          |
| 1   | 4. Salt ...                        | 4½                            | .....         | 4½            | 440  | 4½             | 440       |          |
| .....   | 5. Piece-goods ...                 | .....                         | .....         | .....         | .....  | .....          | .....     |          |
| .....   | 6. Metal ...                       | .....                         | .....         | .....         | .....  | .....          | .....     |          |
| 29  | 7. Building materials ...          | .....                         | 261½          | 261½          | 9 3  | .....          | .....     |          |
| 7   | 8. Miscellaneous ...               | .....                         | 28½           | 28½           | 3,633  | 28½            | 3,633     |          |
| 1   | 9. Fuel ...                        | .....                         | 1½            | 1½            | 12   | 1½             | 12        |          |
| 1 raft  | 10. Timber ...                     | .....                         | 13 No.        | 13 No         | 8  | 13 No          | 8         |          |
| 1 "   | 11. Bamboos ...                    | 150 No.                       | .....         | 150 "         | 2  | 150 "          | 2         |          |
| 88 & 2 rafts.                                     | 12. Total ...                      | 120½ & 150 No.                | 301½ & 13 No. | 423 & 163 No. | 12,188   | 101½ & 163 No. | 11,275    |          |
| 139 & 2 rafts.                                    | 13. Total of same month last year. | 170                           | 132           | 302 & 24 No.  | 19,925   | 211 & 24 No.   | 19,702    |          |
|   |                                    | Up.                           | Down.         | Total.        |  |                | Rs. A. P. |          |
| 14. Total number of boats plying cargo No.        |                                    | 48                            | 40            | 88            | Total tollage of month—<br>24 + 23 + 26 ...          |                | 173 7 6   |          |
| 15. Total number of boats plying passenger No.    |                                    | .....                         | .....         | .....         | Total tollage of same month last year ...            |                | 128 6 3   |          |
| 15½. Total number of empty boats No.              |                                    | 48                            | 49            | 97            |  |                |           |          |
| 16. Total registered tonnage, cargo Tons          |                                    | 241                           | 605           | 846           | Memorandum of Tollage:                               |                |           |          |
| 17. Total registered tonnage, passenger Tons      |                                    | .....                         | .....         | .....         |  |                |           |          |
| 18. Ton-mileage ...                               |                                    | 4,216                         | 6,038         | 10,254        |  |                |           |          |
| 19. Estimated value of cargo Rs.                  |                                    | 5,520                         | 5,663         | 12,183        |  |                |           |          |
| 20. Number of passengers ...                      |                                    | 113                           | 186           | 299           | 1. Balance not recovered on the 1st of the month ... |                | .....     |          |
| 21. Rafts, bamboos No.                            |                                    | 150                           | .....         | 150           | 2. Tollage per month ...                             |                | 173 7 6   |          |
| 22. Do., timber "                                 |                                    | .....                         | 13            | 13            | 3. Total ...   |                | 173 7 6   |          |
| 23. Estimated value of rafts ...                  |                                    | 2                             | 3             | 5             | 4. Amount credited in the accounts of the month ...  |                | 173 7 6   |          |
| 24. Tollage on boats Rs.                          |                                    | 61-9-3                        | 111-5-0       | 172-14-3      | 5. Balance due at the end of the month ...           |                | .....     |          |
| 25. Compounded tollage on boats Rs.               |                                    | .....                         | .....         | .....         |  |                |           |          |
| 26. Tollage on rafts "                            |                                    | 0-1-6                         | 0-7-9         | 0-9-3         |  |                |           |          |
| 27. Total tollage on boats per ton-mile ...       |                                    | .....                         | .....         | 0-0-3-2       |  |                |           |          |
| 28. Total tollage on rafts per 100 cubic feet ... |                                    | .....                         | .....         | 0-5-8         |  |                |           |          |

## SOUTH-WESTERN CIRCLE.

## MIDNAPORE CANAL.

LENGTH OF CANAL OPEN, 53 MILES.

| Number of boats or rafts. | DESCRIPTION.                               | TOTAL GOVERNMENT AND PRIVATE. |                        |                         |  | PRIVATE.                |             | REMARKS. |
|---------------------------|--|-------------------------------|------------------------|-------------------------|--|-------------------------|-------------|----------|
|                           |  | Quantity—Tons.                |                        |                         | Value.   | Quantity.               | Value.      |          |
|                           |  | Up.                           | Down.                  | Total.                  |  |                         |             |          |
| 422                       | 1. Grain ...                               | 1,820                         | 594                    | 2,414                   | 1,35,945   | 2,414                   | 1,35,045    |          |
| 1                         | 2. Cotton ...                              | ...                           | 1                      | 1                       | 260  | 1                       | 260         |          |
| 58                        | 3. Oilseeds ...                            | 88                            | 317                    | 405                     | 41,150   | 405                     | 41,150      |          |
| 112                       | 4. Salt ...                                | ...                           | 1,356                  | 1,356                   | 1,26,715   | 1,356                   | 1,26,715    |          |
| 2                         | 5. Piece-goods ...                         | ...                           | 1                      | 1                       | 2,350  | 1                       | 2,350       |          |
| 22                        | 6. Metal ...                               | 59                            | 139                    | 198                     | 1,99,050   | 198                     | 1,99,050    |          |
| 26                        | 7. Building materials ...                  | 294                           | 18                     | 312                     | 758  | 312                     | 758         |          |
| 574                       | 8. Miscellaneous ...                       | 1,341                         | 523                    | 1,864                   | 1,89,142   | 1,864                   | 1,89,142    |          |
| 55                        | 9. Fuel ...                                | 185                           | 560                    | 745                     | 6,362  | 745                     | 6,362       |          |
| 30 rafts                  | 10. Timber ...                             | 7,509 c. ft.                  | 1,257 c. ft.           | 8,766 c. ft.            | 7,345  | 8,766 c. ft.            | 7,345       |          |
| 3 "                       | 11. Bamboos ...                            | 1,500 "                       | 125 "                  | 1,625 "                 | 80   | 1,625 "                 | 80          |          |
| 1,272 & 33 rafts.         | 12. Total ...                              | { 3,787 & 9,009 c. ft.        | { 3,509 & 1,382 c. ft. | { 7,296 & 10,391 c. ft. | { 7,08,257                                       | { 72.96 & 10,391 c. ft. | { 7,08,257  |          |
| 1,290 & 44 rafts.         | 13. Total of same month last year.         | { 3,822 & 14,900 c. ft.       | { 2,817 & 753 c. ft.   | { 6,639 & 15,653 c. ft. | { 7,38,739                                       | { 6,639 & 15,653 c. ft. | { 7,28,739  |          |
|                           |  | Up.                           | Down.                  | Total.                  |  |                         | Rs. A. P.   |          |
| 14.                       | Total number of boats plying cargo No.     | 838                           | 434                    | 1,272                   | Total tollage of month—24+25+26 ...              |                         | 6,062 13 0  |          |
| 15.                       | Total number of boats plying passenger No. | 367                           | 426                    | 793                     | Total tollage of same month last year ...        |                         | 5,395 4 0   |          |
| 154.                      | Total number of empty boats No.            | 177                           | 850                    | 1,027                   |  |                         |             |          |
| 16.                       | Total registered tonnage, cargo, Tons      | 10,536                        | 7,897                  | 18,433                  | Memorandum of Tollage.                           |                         |             |          |
| 17.                       | Total registered tonnage, passenger, Tons  | 1,709                         | 1,732                  | 3,461                   |  |                         |             |          |
| 174.                      | Total registered tonnage, empty, Tons      | 1,067                         | 3,862                  | 4,929                   |  |                         |             |          |
| 18.                       | Ton-mileage                                | 1,95,827                      | 2,00,060               | 3,95,907                | 1. Balance not recovered on the 1st of the month |                         | 5,152 2 8   |          |
| 19.                       | Estimated value of cargo Rs.               | 2,31,049                      | 4,69,783               | 7,00,832                | 2. Tollage per month                             |                         | 6,062 13 0  |          |
| 20.                       | Number of passengers                       | 2,500                         | 6,280                  | 8,780                   | 3. Total   |                         | 11,214 15 8 |          |
| 21.                       | Rafts, bamboos c. ft.                      | 1,500                         | 125                    | 1,625                   |  |                         |             |          |
| 22.                       | Do., timber "                              | 7,509                         | 1,257                  | 8,766                   |  |                         |             |          |
| 23.                       | Estimated value of rafts Rs.               | 5,066                         | 2,359                  | 7,425                   |  |                         |             |          |
| 24.                       | Tollage on boats                           | 3,050-3-3                     | 2,943-6-9              | 5,993-10-0              |  |                         |             |          |
| 25.                       | Compounded tollage on boats Rs.            | ...                           | ...                    | ...                     |  |                         |             |          |
| 26.                       | Tollage on rafts "                         | 67-2-0                        | 12-1-0                 | 69-3-0                  | 4. Amount paid into treasury during the month    |                         | 7,191 5 6   |          |
| 27.                       | Total tollage on boats per ton-mile        | ...                           | ...                    | 0-0-2-9                 |  |                         |             |          |
| 28.                       | Total tollage on rafts per 100 c. ft.      | ...                           | ...                    | 0-10-7                  | 5. Balance due at the end of the month           |                         | 4,023 10 2  |          |

## HIDGELLER TIDAL CANAL.

LENGTH OF CANAL OPEN, 29 MILES.

| Number of boats or rafts. | DESCRIPTION.                                  | TOTAL GOVERNMENT AND PRIVATE. |                    |                    |  | PRIVATE.           |          | REMARKS.  |
|---------------------------|---|-------------------------------|--------------------|--------------------|--|--------------------|----------|-----------|
|                           |   | Quantity—Tons.                |                    |                    | Value.   | Quantity.          | Value.   |           |
|                           |   | Up.                           | Down.              | Total.             | Rupces.  | Tons.              | Rupces.  |           |
| 497                       | 1. Grain ...                                  | 1,326                         | .....              | 1,326              | 48,965   | 1,326              | 48,965   |           |
| .....                     | 2. Cotton ...                                 | .....                         | .....              | .....              | .....  | .....              | .....    |           |
| 1                         | 3. Oilseeds ...                               | .....                         | 4                  | 4                  | 300  | 4                  | 300      |           |
| 28                        | 4. Salt ...                                   | .....                         | 259                | 259                | 27,050   | 259                | 27,050   |           |
| 8                         | 5. Piece-goods ...                            | .....                         | 7                  | 7                  | 3,050  | 7                  | 3,050    |           |
| 2                         | 6. Metal ...                                  | .....                         | 4                  | 4                  | 800  | 4                  | 800      |           |
| 3                         | 7. Building materials ...                     | .....                         | 12                 | 12                 | 1,050  | 12                 | 1,050    |           |
| 252                       | 8. Miscellaneous ...                          | 108                           | 323                | 431                | 62,222   | 431                | 62,222   |           |
| 18                        | 9. Fuel ...                                   | 12                            | 112                | 124                | 1,440  | 124                | 1,440    |           |
| 2 rafts                   | 10. Timber ...                                | .....                         | 79 c. ft.          | 79 c. ft.          | 194  | 79 c. ft.          | 194      |           |
| .....                     | 11. Bamboos ...                               | .....                         | .....              | .....              | .....  | .....              | .....    |           |
| 452 & 2 rafts             | 12. Total ...                                 | 1,446                         | 271 & 79 c. ft.    | 2,167 & 79 c. ft.  | 1,45,071   | 2,167 & 79 c. ft.  | 1,45,071 |           |
| 1,345 ■ 7 rafts.          | 13. Total of same month last year.            | 4,103 & 286 c.ft.             | 1,347 & 134 c. ft. | 5,450 & 420 c. ft. | 2,95,534   | 5,447 & 420 c. ft. | 2,95,034 |           |
|                           |   | Up.                           | Down.              | Total.             |  |                    |          | Rs. A. P. |
| 14.                       | Total number of boats plying cargo No.        | 180                           | 272                | 452                | Total tollage of month—24 + 25 + 26 ...          |                    |          | 2,221 1 0 |
| 15.                       | Total number of boats plying passenger No.    | 1                             | .....              | 1                  | Total tollage of same month last year ..         |                    |          | 5,445 6 6 |
| 16.                       | Total registered tonnage, cargo Tons          | 2,998                         | 2,750              | 5,748              | Memorandum of Tollage.                           |                    |          |           |
| 17.                       | Total registered tonnage, passenger Tons      | .....                         | .....              | .....*             |  |                    |          |           |
| 18.                       | Ten-mileage ...                               | 67,427                        | 58,906             | 1,263,33           | Rs. A. P.  |                    |          |           |
| 19.                       | Estimated value of cargo ...                  | 51,490                        | 93,387             | 1,44,877           | 1. Balance not recovered on the 1st of the month |                    |          |           |
| 20.                       | Number of passengers ...                      | 2                             | .....              | ■                  |  |                    |          |           |
| 21.                       | Rafts, bamboos c. ft.                         | .....                         | .....              | .....              |  |                    |          |           |
| 22.                       | Do., timber ■                                 | .....                         | 79                 | 79                 | 2. Tollage per month. ...                        |                    |          | 2,221 1 0 |
| 23.                       | Estimated value of rafts Rs.                  | .....                         | 194                | 194                |  |                    |          |           |
| 24.                       | Tollage on boats „                            | 1,181 7 6                     | 1,030 14 9         | 2,212 ■ 3          | 3. Total ...                                     |                    |          | 2,221 1 0 |
| 25.                       | Compounded tollage on boats ... Rs.           | 7 2 0                         | .....              | 7 2 0              | 4. Amount paid into treasury during the month    |                    |          |           |
| 26.                       | Tollage on rafts ■                            | .....                         | 1 8 9              | 1 8 9              |  |                    |          |           |
| 27.                       | Total tollage on boats per ton-mile Pie       | .....                         | .....              | 0-0-3-3            | 5. Balance due at the end of the month           |                    |          | 2,221 1 0 |
| 28.                       | Total tollage on rafts per 100 cubic feet Rs. | .....                         | .....              | 1 15 3             |  |                    |          |           |

\* Ten mounds only.

SONE CIRCLE.  
PATNA CANAL SYSTEM.  
LENGTH OF CANAL OPEN, 86½ MILE.

| Number of<br>boats<br>or rafts. | Description.                         | TOTAL GOVERNMENT AND PRIVATE. |       |        |           | Private.  |          | REMARKS. |
|---------------------------------|--------------------------------------|-------------------------------|-------|--------|-----------|-----------|----------|----------|
|                                 |                                      | Quantity—Tons.                |       |        | Value.    | Quantity. | Value.   |          |
|                                 |                                      | Up.                           | Down. | Total. | Rupies.   | Tons.     | Rupies.  |          |
| 2                               | 1. Grain ...                         | 7                             | 24    | 31     | 1,820     | 31        | 1,820    |          |
| 40                              | 2. Cotton ...                        | .....                         | ..... | .....  | .....     | .....     | .....    |          |
| 11                              | 3. Oilseed ...                       | .....                         | 480   | 480    | 36,135    | 480       | 36,135   |          |
| 21                              | 4. Salt ...                          | 78                            | ..... | 78     | 4,010     | 78        | 4,010    |          |
| .....                           | 5. Piece-goods ...                   | 163                           | 19    | 182    | 30,435    | 182       | 30,435   |          |
| .....                           | 6. Metal ...                         | 3                             | ..... | 3      | 16,300    | 3         | 16,300   |          |
| 15                              | 7. Building materials ...            | .....                         | 114   | 114    | 272       | 29        | 105      |          |
| 59                              | 8. Miscellaneous ...                 | 145                           | 232   | 377    | 6,06,065  | 363       | 6,05,895 |          |
| .....                           | 9. Fuel ...                          | .....                         | ..... | .....  | .....     | .....     | .....    |          |
| 12                              | 10. Timber { boats<br>rafts          | 102                           | ..... | 102    | 4,270     | .....     | .....    |          |
| .....                           | 11. Bamboos { boats<br>rafts         | 200                           | 623   | 823    | 3,550     | 623       | 3,550    |          |
| .....                           |                                      | 20                            | 2,571 | 2,591  | 3,770     | 200       | 3,770    |          |
| .....                           |                                      | .....                         | ..... | .....  | 42,376    | 2,591     | 42,336   |          |
| 179                             | 12. Total ...                        | 718                           | 4,063 | 4,781  | 7,48,963  | 4,570     | 7,44,356 |          |
| 177                             | 13. Total of same<br>month last year | 489                           | 3,670 | 4,158  | 10,04,950 | 3,894     | 1,87,815 |          |

|   | Up.     | Down.     | Total.    |  | Rs. A. P.  |
|---|---------|-----------|-----------|--|------------|
| 14. Total number of boats plying cargo No.        | 83      | 90        | 179       | Total tollage of month—<br>24 + 25 + 26 ...  | 3,021 13 6 |
| 15. Total number of boats plying passenger No.    | 2       | 3         | 5         |  |            |
| 16. Total number of empty boats No.               | 52      | 39        | 91        | Total tollage of same<br>month last year ... | 3,025 13 6 |
| 16. Total registered tonnage, cargo Tons          | 1,218   | 1,710     | 2,928     |  |            |
| 17. Total registered tonnage, passenger Tons      | 54      | 62        | 116       |  |            |
| 17. Total registered tonnage, empty boats Tons    | 215     | 196       | 411       |  |            |
| 18. Ton-milage ...                                | 70,817  | 2,43,876  | 3,14,692  |  |            |
| 19. Estimated value of cargo ...                  | 65,510  | 6,37,567  | 7,03,077  |  |            |
| 20. Number of passengers                          | 104     | 141       | 305       |  |            |
| 21. Rafts, bamboos c. ft.                         | 3,600   | 385,610   | 388,610   |  |            |
| 22. Do., timber "                                 | .....   | 46,719    | 46,719    |  |            |
| 23. Estimated value of rafts Rs.                  | 450     | 45,436    | 45,886    |  |            |
| 24. Tollage on boats                              | 632-7-3 | 850-0-0   | 1,588-7-9 |  |            |
| 25. Compounded tollage on boats Rs.               | 75      | 75        | 150       |  |            |
| 26. Tollage on rafts "                            | 0-15-0  | 1,282-0-9 | 1,283-5-9 |  |            |
| 27. Total tollage on boats per ton-mile Pie       | .....   | .....     | 0-0-1-66  |  |            |
| 28. Total tollage on rafts per 100 cubic feet Rs. | .....   | .....     | 0-4-8     |  |            |

| Memorandum of Tollage.                               |  | Rs. A. P.  |
|--|--|------------|
| 1. Balance not recovered on the 1st of the month ... |  | 846 8 3    |
| 2. Tollage per month ...                             |  | 3,021 13 6 |
| 3. Total ...   |  | 3,868 5 9  |
| 4. Amount credited in the accounts of the month ...  |  | 3,315 12   |
| 5. Balance due at the end of the month ...           |  | 552 9 9    |

## ARRAH CANAL SYSTEM.

LENGTH OF CANAL OPEN, 65 MILES.

| Number of boats or rafts. | Description.                                  | TOTAL GOVERNMENT AND PRIVATE. |          |            |  | PRIVATE.  |            | Remarks. |
|---------------------------|---|-------------------------------|----------|------------|--|-----------|------------|----------|
|                           |   | Quantity—Tons.                |          |            | Value.   | Quantity. | Value.     |          |
|                           |   | Up.                           | Down.    | Total.     | Rs. p.   | Tons.     | Rs. p.     |          |
| 43                        | 1. Grain ...                                  | 44                            | 476      | 520        | 31,042   | 520       | 31,642     |          |
| ...                       | 2. Cotton ...                                 | 3                             | .....    | 3          | 3,430  | 3         | 3,430      |          |
| 56                        | 3. Oilseeds ...                               | 1                             | 570      | 571        | 47,248   | 571       | 47,248     |          |
| 52                        | 4. Salt ...                                   | 413                           | .....    | 413        | 43,840   | 413       | 43,840     |          |
| 3                         | 5. Piece-goods ...                            | 52                            | .....    | 52         | 74,075   | 52        | 74,075     |          |
| ...                       | 6. Metal ...                                  | 2                             | 2        | 4          | 92,658   | 4         | 92,658     |          |
| 14                        | 7. Building materials ...                     | 15                            | 131      | 147        | 711  | 107       | 116        |          |
| 75                        | 8. Miscellaneous ...                          | 133                           | 401      | 534        | 33,111   | 523       | 33,076     |          |
| 13                        | 9. Fuel ...                                   | 80                            | 13       | 93         | 883  | 93        | 883        |          |
| 2                         | 10. Timber ...                                | 3                             | 9        | 12         | 1,337  | 10        | 1,237      |          |
| Rafts                     | Firewood ...                                  | .....                         | 179      | 179        | 2,296  | 179       | 2,296      |          |
|                           | Bullahs ...                                   | .....                         | 1,152    | 1,152      | 6,364  | 1,151     | 6,364      |          |
|                           | 11. Bamboos ...                               | .....                         | 1,535    | 1,535      | 16,635   | 1,533     | 16,635     |          |
| 262                       | 12. Total ...                                 | 717                           | 4,468    | 5,215      | 3,54,230   | 5,161     | 3,53,500   |          |
| 151                       | 13. Total of same month last year             | 357                           | 1,557    | 1,914      | 2,11,141   | 1,896     | 2,10,481   |          |
|                           |   | Up.                           | Down.    | Total.     |  |           | Rs. A. P.  |          |
| 14.                       | Total number of boats plying cargo No.        | 90                            | 172      | 262        | Total tollage of month—24 + 25 + 26 ...              |           | 2,540 3 0  |          |
| 15.                       | Total number of boats plying passenger No.    | .....                         | 3        | 3          | Total tollage of same month last year ...            |           | 1,409 13 4 |          |
| 15½.                      | Total number of empty boats No.               | 82                            | 23       | 105        |  |           |            |          |
| 16.                       | Total registered tonnage, cargo Tons          | 1,016                         | 2,470    | 3,486      |  |           |            |          |
| 17.                       | Total registered tonnage, passenger Tons      | 58                            | 72       | 130        |  |           |            |          |
| 17½.                      | Total registered tonnage, empty Tons          | 182                           | 68       | 250        |  |           |            |          |
| 18.                       | Ton-mileage ...                               | 65,535                        | 1,34,674 | 2,00,209   |  |           |            |          |
| 19.                       | Estimated value of cargo Rs.                  | 2,10,261                      | 1,18,674 | 3,28,935   |  |           |            |          |
| 20.                       | Number of passengers ...                      | 812                           | 930      | 1,742      |  |           |            |          |
| 21.                       | Rafts, bamboos c. ft.                         | .....                         | 2,30,392 | 2,30,392   |  |           |            |          |
| 22.                       | Do., bullahs "                                | .....                         | 80,400   | 80,400     |  |           |            |          |
| 22½.                      | Do., firewood "                               | .....                         | 13,466   | 13,466     |  |           |            |          |
| 23.                       | Estimated value of rafts Rs.                  | .....                         | 25,295   | 25,295     |  |           |            |          |
| 24.                       | Tollage on boats "                            | 379-12-6                      | 941-14-6 | 1,321-11-0 |  |           |            |          |
| 25.                       | Compounded tollage on boats Rs.               | 164-0-0                       | 164-0-0  | 328-0-0    |  |           |            |          |
| 26.                       | Tollage on rafts "                            | .....                         | 890-8-0  | 890-8-0    |  |           |            |          |
| 27.                       | Total tollage on boats per ton-mile ...       | .....                         | .....    | 0-0-1-58   |  |           |            |          |
| 28.                       | Total tollage on rafts per 100 cubic feet ... | .....                         | .....    | 0-4-3      |  |           |            |          |
|                           |   |                               |          |            | Memorandum of Tollage.                               |           |            |          |
|                           |   |                               |          |            |  |           | Rs. A. P.  |          |
|                           |   |                               |          |            | 1. Balance not recovered on the 1st of the month ... |           | 84 14 6    |          |
|                           |   |                               |          |            | 2. Tollage per month ...                             |           | 2,540 3 0  |          |
|                           |   |                               |          |            | 3. Total ...   |           | 2,625 1 6  |          |
|                           |   |                               |          |            | 4. Amount credited in the accounts of the month ...  |           | 2,549 9 6  |          |
|                           |   |                               |          |            | 5. Balance due at the end of the month               |           | 75 8       |          |

## BUXAR CANAL SYSTEM.

LENGTH OF CANAL OPEN, 67 MILES.

| Number of boats or rafts.               | DESCRIPTION.                       | TOTAL GOVERNMENT AND PRIVATE. |            |            |  | PRIVATE.  |           | REMARKS. |
|---|------------------------------------|-------------------------------|------------|------------|--|-----------|-----------|----------|
|   |                                    | Quantity - Tons.              |            |            | Value.   | Quantity. | Value.    |          |
|   |                                    | Up.                           | Down.      | Total.     | Rupies.  | Tons.     | Rupies.   |          |
| 35                                      | 1. Grain                           | .....                         | 540        | 540        | 50,297   | 540       | 50,297    |          |
| 1                                       | 2. Cotton                          | 9                             | .....      | 9          | 4,000  | 9         | 4,000     |          |
| 28                                      | 3. Oilseeds                        | 40                            | 361        | 401        | 52,412   | 401       | 52,412    |          |
| ...                                     | 4. Salt                            | .....                         | .....      | .....      | .....  | .....     | .....     |          |
| ...                                     | 5. Piece-goods                     | 2                             | .....      | 2          | 2,600  | 2         | 2,600     |          |
| ...                                     | 6. Metal                           | .....                         | .....      | .....      | .....  | .....     | .....     |          |
| 19                                      | 7. Building materials              | 15                            | 192        | 207        | 8,914  | 122       | 4,550     |          |
| 22                                      | 8. Miscellaneous                   | 29                            | 215        | 244        | 43,499   | 244       | 43,499    |          |
| ...                                     | 9. Fuel                            | .....                         | .....      | .....      | .....  | .....     | .....     |          |
| after                                   | 10. Timber                         | .....                         | 396        | 396        | 5,007  | 396       | 5,007     |          |
|   | 11. Bamboos                        | .....                         | 531        | 531        | 9,552  | 531       | 9,552     |          |
| 103                                     | 12. Total                          | 95                            | 2,235      | 2,330      | 1,76,281   | 2,245     | 1,71,917  |          |
| 95                                      | 13. Total of same month last year. | 29                            | 1,595      | 1,624      | 97,508   | 1,300     | 88,421    |          |
|   |                                    | Up.                           | Down.      | Total.     |  |           | Rs. A. P. |          |
| Total number of boats plying cargo      |                                    | No. 10                        | 93         | 103        | Total tollage of month—<br>24 + 25 + 26          |           | 1,009 13  |          |
| Total number of boats plying passengers |                                    | No. 15                        | 8          | 23         |  |           |           |          |
| Total number of boats, empty            |                                    | No. 30                        | 16         | 46         | Total tollage of same month last year            |           | 903 14 1  |          |
| Total registered tonnage, cargo         |                                    | Tons 112                      | 2,664      | 2,776      |  |           |           |          |
| Total registered tonnage, passenger     |                                    | Tons 207                      | 216        | 423        |  |           |           |          |
| Total registered tonnage, empty         |                                    | Tons 96                       | 49         | 145        |  |           |           |          |
| Ton-mileage                             |                                    | 8,778                         | 47,353     | 56,131     | <i>Memorandum of Tollage.</i>                    |           |           |          |
| Estimated value of cargo                |                                    | Rs. 33,241                    | 1,28,481   | 1,61,722   |  |           | Rs. A. P. |          |
| Number of passengers                    |                                    | 708                           | 533        | 1,241      | 1. Balance not recovered on the 1st of the month |           | 93 1      |          |
| Rafts, bamboos                          |                                    | o. ft. ....                   | 79,607     | 79,607     |  |           |           |          |
| Do., bullehs                            |                                    | .....                         | 29,754     | 29,754     | 2. Tollage per month                             |           | 1,009 13  |          |
| Estimated value of rafts                |                                    | Rs. ....                      | 14,559-0-0 | 14,559-0-0 |  |           |           |          |
| Tollage on boats                        |                                    | 54-0-0                        | 374-9-0    | 42-15-0    | 3. Total   |           | 1,102 14  |          |
| Compounded tollage on boats             |                                    | Rs. 75-0-0                    | 107-0-0    | 182-0-0    |  |           |           |          |
| Tollage on rafts                        |                                    | .....                         | 398-14-6   | 398-14-6   | 4. Amount credited in the accounts of the month  |           | 72 10     |          |
| Total tollage on boats per ton-mile     |                                    | .....                         | .....      | 0-0 2-08   |  |           |           |          |
| Total tollage on rafts per ton-mile     |                                    | .....                         | .....      | 0-5-10     | 5. Balance due at the end of the month           |           | 320 4     |          |

**ABSTRACT FOR THE MONTH OF APRIL 1888, AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.**

| CANAL.                       | TRAFFIC, 1888-89. |    |    |                      |    |    | TRAFFIC, 1887-88. |    |    |                      |    |    | REMARKS. |
|------------------------------|-------------------|----|----|----------------------|----|----|-------------------|----|----|----------------------|----|----|----------|
|                              | During the month. |    |    | To end of the month. |    |    | During the month. |    |    | To end of the month. |    |    |          |
| <i>Orissa Circle.</i>        | Rs.               | A. | P. | Rs.                  | A. | P. | Rs.               | A. | P. | Rs.                  | A. | P. |          |
| Taldunda Canal System ...    | 373               | 1  | 9  | 373                  | 1  | 9  | 510               | 2  | 6  | 510                  | 2  | 6  |          |
| Kendrapara Canal System ...  | 6,983             | 10 | 0  | 6,983                | 10 | 0  | 6,113             | 11 | 0  | 6,113                | 11 | 0  |          |
| High Level, Range I ...      | 999               | 4  | 3  | 999                  | 4  | 3  | 892               | 12 | 0  | 892                  | 12 | 0  |          |
| Ditto, " II ...              | 557               | 15 | 3  | 557                  | 15 | 3  | 462               | 6  | 0  | 462                  | 6  | 0  |          |
| Ditto, " III ...             | 173               | 7  | 6  | 173                  | 7  | 6  | 128               | 6  | 3  | 128                  | 6  | 3  |          |
| Total Orissa Circle ...      | 9,087             | 6  | 9  | 9,087                | 6  | 9  | 8,107             | 5  | 9  | 8,107                | 5  | 9  |          |
| <i>South-Western Circle.</i> |                   |    |    |                      |    |    |                   |    |    |                      |    |    |          |
| Midnapore Canal ...          | 6,062             | 13 | 0  | 6,062                | 13 | 0  | 5,395             | 4  | 0  | 5,395                | 4  | 0  |          |
| Hidgellee Tidal Canal ...    | 2,221             | 1  | 0  | 2,221                | 1  | 0  | 5,445             | 3  | 6  | 5,445                | 3  | 6  |          |
| Total South-Western Circle   | 8,283             | 14 | 0  | 8,283                | 14 | 0  | 10,840            | 7  | 6  | 10,840               | 7  | 6  |          |
| <i>Sone Circle.</i>          |                   |    |    |                      |    |    |                   |    |    |                      |    |    |          |
| Patna Canal System ...       | 3,021             | 13 | 6  | 3,021                | 13 | 6  | 3,025             | 13 | 6  | 3,025                | 13 | 6  |          |
| Arrah ditto ...              | 2,540             | 3  | 0  | 2,540                | 3  | 0  | 1,409             | 13 | 0  | 1,409                | 13 | 0  |          |
| Buxar ditto ...              | 1,009             | 13 | 6  | 1,009                | 13 | 6  | 903               | 14 | 11 | 903                  | 14 | 11 |          |
| Total Sone Circle ...        | 6,571             | 14 | 0  | 6,571                | 14 | 0  | 5,339             | 9  | 5  | 5,339                | 9  | 5  |          |
| GRAND TOTAL ...              | 23,943            | 2  | 9  | 23,943               | 2  | 9  | 24,287            | 6  | 8  | 24,287               | 6  | 8  |          |

**GOVERNMENT TRANSPORT SERVICE.**

| CANAL.                  | TRAFFIC, 1888-89. |        |                 |                      |        |                 | TRAFFIC, 1887-88. |        |                 |                      |        |                 |
|-------------------------|-------------------|--------|-----------------|----------------------|--------|-----------------|-------------------|--------|-----------------|----------------------|--------|-----------------|
|                         | During the month. |        |                 | To end of the month. |        |                 | During the month. |        |                 | To end of the month. |        |                 |
|                         | Passen-<br>gers.  | Goods. | Total receipts. | Passen-<br>gers.     | Goods. | Total receipts. | Passen-<br>gers.  | Goods. | Total receipts. | Passen-<br>gers.     | Goods. | Total receipts. |
| <i>Orissa Circle.</i>   | No.               | Mds.   | Rs. A. P.       | No.                  | Mds.   | Rs. A. P.       | No.               | Mds.   | Rs. A. P.       | No.                  | Mds.   | Rs. A. P.       |
| High Level ...          | 331               | 477    | 463 2 11        | 331                  | 477    | 493 2 11        | 655               | 1,558  | 1,027 3 11      | 655                  | 1,558  | 1,027 3 11      |
| Total Orissa Circle ... | 331               | 477    | 463 2 11        | 331                  | 477    | 493 2 11        | 655               | 1,558  | 1,027 3 11      | 655                  | 1,558  | 1,027 3 11      |

**TOTAL NAVIGATION RECEIPTS.**

| CANAL.                    | EARNINGS, 1888-89. |    |    |                      |    |    | EARNINGS, 1887-88. |    |    |                      |    |    | REMARKS. |
|---------------------------|--------------------|----|----|----------------------|----|----|--------------------|----|----|----------------------|----|----|----------|
|                           | During the month.  |    |    | To end of the month. |    |    | During the month.  |    |    | To end of the month. |    |    |          |
|                           | Rs.                | A. | P. | Rs.                  | A. | P. | Rs.                | A. | P. | Rs.                  | A. | P. |          |
| Orissa Canals ...         | 9,580              | 9  | 8  | 9,580                | 9  | 8  | 9,134              | 9  | 8  | 9,134                | 9  | 8  |          |
| Midnapore Canal ...       | 6,062              | 13 | 0  | 6,062                | 13 | 0  | 5,395              | 4  | 0  | 5,395                | 4  | 0  |          |
| Hidgellee Tidal Canal ... | 2,221              | 1  | 0  | 2,221                | 1  | 0  | 5,445              | 3  | 6  | 5,445                | 3  | 6  |          |
| Sone Canals ...           | 6,571              | 14 | 0  | 6,571                | 14 | 0  | 5,339              | 9  | 5  | 5,339                | 9  | 5  |          |
| Total ...                 | 24,436             | 5  | 8  | 24,436               | 5  | 8  | 25,314             | 16 | 7  | 25,314               | 16 | 7  |          |

A. D. McArthur, Secy. to Govt.  
Under Secy. to the Govt.

Calcutta,  
24th 19/A June 1888.

## CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 16th June 1888,  
as compared with the corresponding week of the previous year.*

| NATURE OF CARGO.   | WEEK ENDING SATURDAY, THE<br>16TH JUNE 1888. |                     |          | WEEK ENDING SATURDAY, THE<br>16TH JUNE 1887. |                     |          |
|--------------------|--|---------------------|----------|--|---------------------|----------|
|                    | Number of<br>boats.                          | Weight of<br>cargo. | Tonnage. | Number of<br>boats.                          | Weight of<br>cargo. | Tonnage. |
|                    | No.  | Mds.                | Rs.      | No.  | Mds.                | Rs.      |
| Rice and paddy ... | 434  | 1,09,790            | 1,520    | 218  | 87,718              | 507      |
| Jute ...           | 8  | 4,575               | 88       | 19   | 9,917               | 208      |
| Firewood ...       | 91   | 38,475              | 883      | 111  | 56,175              | 850      |
| Other articles ... | 917  | 2,49,185            | 3,803    | 742  | 2,17,379            | 2,998    |
| Total ...          | 1,450  | 3,99,025            | 6,494    | 1,090  | 3,21,182            | 4,653    |



## Eastern Bengal State Railway.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of February 1888, as compared with the same month of the previous year.

| STAPLES.                                    | 1888.         |               | 1887.         |               | TOTAL.        |               | Increase.     | Decrease.     |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|   | Up.           | Down.         | Up.           | Down.         | 1888.         | 1887.         |               |               |
|   | Tons.         | Tons.         | Tons.         | Tons.         | Tons.         | Tons.         | Tons.         | Tons.         |
| Coal  | 14,822        | 4,225         | 2,835         | 1,834         | 19,147        | 4,029         | 14,018        |               |
| Cotton, raw                                 |               | 432           |               | 77            |               | 77            |               |               |
| Cotton, waste and yarn—                     |               |               |               |               |               |               |               |               |
| 1.—European                                 |               |               |               |               |               |               |               |               |
| 2.—Indian                                   |               |               |               |               |               |               |               |               |
| Cotton piece-goods—                         |               |               |               |               |               |               |               |               |
| 1.—European—                                |               |               |               |               |               |               |               |               |
| a.—In bales and bundles                     | 2,094         | 209           | 1,444         | 328           | 2,303         | 2,472         | 169           |               |
| b.—In boxes                                 |               |               |               |               |               |               |               |               |
| 2.—Indian—                                  |               |               |               |               |               |               |               |               |
| a.—In bales and bundles                     |               |               |               |               |               |               |               |               |
| b.—In boxes                                 |               |               |               |               |               |               |               |               |
| Grains—                                     |               |               |               |               |               |               |               |               |
| 1.—Rice                                     | 3,909         | 8,610         | 674           | 2,729         | 12,713        | 3,303         | 9,410         |               |
| 2.—Others                                   | 1,709         | 8,315         | 889           | 2,162         | 10,763        | 3,894         | 6,869         |               |
| Hides and Skins—                            |               |               |               |               |               |               |               |               |
| 1.—Hides of cattle—                         |               |               |               |               |               |               |               |               |
| a.—Dressed                                  |               |               |               |               |               |               |               |               |
| b.—Undressed                                |               |               |               |               |               |               |               |               |
| 2.—Skins of sheep &c.—                      |               |               |               |               |               |               |               |               |
| a.—Dressed                                  |               |               |               |               |               |               |               |               |
| b.—Undressed                                |               |               |               |               |               |               |               |               |
| Jute—                                       |               |               |               |               |               |               |               |               |
| 1.—Raw—                                     |               |               |               |               |               |               |               |               |
| a.—Screwed                                  |               | 3,504         |               | 2,432         | 3,504         | 2,432         | 1,072         |               |
| b.—Unscrewed                                |               | 6,595         | 4             | 10,195        | 6,599         | 19,194        | 12,595        |               |
| 2.—Gunny bags and cloth                     | 271           | 1,215         | 127           | 370           | 1,486         | 1,499         | 13            |               |
| Metals—                                     |               |               |               |               |               |               |               |               |
| 1.—Copper, unwrought                        |               |               |               |               |               |               |               |               |
| 2.—Brass, unwrought                         |               |               |               |               |               |               |               |               |
| 3.—Cass and copper, wrought                 |               |               |               |               |               |               |               |               |
| 4.—Iron                                     | 1,962         | 121           | 507           | 145           | 1,776         | 1,105         | 671           |               |
| 5.—Tin                                      |               |               |               |               |               |               |               |               |
| 6.—Others                                   |               |               |               |               |               |               |               |               |
| Oil—  |               |               |               |               |               |               |               |               |
| 2.—Kerosene                                 | 456           | 21            | 102           |               | 477           | 192           | 285           |               |
| 3.—Others                                   | 154           | 68            | 174           | 8             | 327           | 182           | 145           |               |
| Oilseeds—                                   |               |               |               |               |               |               |               |               |
| 1.—Mustard                                  |               |               |               |               |               |               |               |               |
| 2.—Rapeseed mixed                           |               |               |               |               |               |               |               |               |
| 3.—Flax or gunnily                          |               |               |               |               |               |               |               |               |
| 4.—Niger                                    |               |               |               |               |               |               |               |               |
| 5.—Castor                                   | 272           | 1,101         | 561           | 89            | 1,313         | 686           | 627           |               |
| 6.—Poppy                                    |               |               |               |               |               |               |               |               |
| 7.—Others                                   |               |               |               |               |               |               |               |               |
| Provisions—                                 |               |               |               |               |               |               |               |               |
| 2.—Kohlnuts                                 | 80            | 757           | 19            | 459           | 819           | 478           | 341           |               |
| 3.—Others                                   | 622           | 725           | 349           | 933           | 1,753         | 531           | 1,222         |               |
| Railway plant and rolling-stock             | 3,257         | 75            | 1,114         | 82            | 4,012         | 1,265         | 2,747         |               |
| Salt  | 3,210         | 50            | 2,201         | 9             | 5,410         | 2,210         | 3,200         |               |
| Sugar—                                      |               |               |               |               |               |               |               |               |
| 1.—Refined                                  | 1,195         | 2,636         | 676           | 1,222         | 3,790         | 1,798         | 1,992         |               |
| 2.—Unrefined                                |               |               |               |               |               |               |               |               |
| Tea—  |               |               |               |               |               |               |               |               |
| 1.—Assam                                    | 1             | 253           |               | 172           | 254           | 172           | 82            |               |
| 2.—Indian                                   |               |               |               |               |               |               |               |               |
| Wood—                                       |               |               |               |               |               |               |               |               |
| 1.—Timber                                   | 333           | 119           |               |               | 452           |               | 333           |               |
| 2.—Firewood                                 | 2,365         | 1,171         | 2,087         | 64            | 2,382         | 2,197         | 185           |               |
| Timbers                                     | 47            | 927           | 63            | 645           | 970           | 708           | 262           |               |
| All other articles of merchandise—          |               |               |               |               |               |               |               |               |
| 1.—Manufactured                             | 3,420         | 1,759         | 2,761         | 854           | 7,170         | 5,625         | 1,545         |               |
| 2.—Manufactured                             |               |               |               |               |               |               |               |               |
| Hay, straw, and manure (L. & S.-R. Section) | 754           | 3             | 574           |               | 761           | 576           | 185           |               |
| <b>Total</b>                                | <b>67,248</b> | <b>41,161</b> | <b>17,781</b> | <b>36,163</b> | <b>89,402</b> | <b>53,945</b> | <b>35,457</b> | <b>13,005</b> |

Excludes local traffic of the Dacca, Northern District, and Kachua and Dhaka Railways during 1887.

Comparative statement of the principal commodities carried over the Eastern Bengal State Railway during the month of February 1888.

| INCREASES.   |  | Tons.  |
|--|--|--------|
| Coal   | Increased importations from the East Indian Railway on account of increased demand for Railway and Flatiron purposes and for the public. | 14,018 |
| Cotton, raw  | New crop and a good market.  | 864    |
| Cotton piece-goods                                     | Increased demand.  | 781    |
| Grains   | New crop and a favorable market. The bulk of the traffic in this commodity is from the Northern Section.                                 | 18,140 |
| Salt   | New crop and a slightly increased demand.  | 683    |
| Sugar  | Increased demand at stations on the Northern Section.  | 3,080  |
| From Gashmala, Porulaha, Choudaguh and other stations. |  | 1,271  |
| DECREASES.   |  | Tons.  |
| Jute   | Fall in the market.  | 1,072  |

CALCUTTA, the 9th June 1888.

F. P. GILKIN, Secretary of the Railway.

## Bengal Central Railway.

Abstract of principal commodities carried over the Bengal Central Railway during the month of February 1888, as compared with the same month of the previous year.

| STAPLES.                           | 1888. |       | 1887. |       | Total. |       | Increase. | Decrease. |
|------------------------------------|-------|-------|-------|-------|--------|-------|-----------|-----------|
|                                    | Up.   | Down. | Up.   | Down. | 1888.  | 1887. |           |           |
|                                    | Tons. | Tons. | Tons. | Tons. | Tons.  | Tons. | Tons.     | Tons.     |
| Coal                               | 3,213 | ..... | 883   | ..... | 3,213  | 883   | 3,213     | .....     |
| Cotton, twist and yarn—            |       |       |       |       |        |       |           |           |
| 1.—European                        | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Indian                          | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Cotton piece-goods—                |       |       |       |       |        |       |           |           |
| 1.—European—                       |       |       |       |       |        |       |           |           |
| a.—In bales and bundles            | 215   | ..... | 141   | 1     | 215    | 145   | 70        | .....     |
| b.—In boxes                        | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Indian—                         |       |       |       |       |        |       |           |           |
| a.—In bales and bundles            | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| b.—In boxes                        | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Grains—                            |       |       |       |       |        |       |           |           |
| 3.—Rice                            | 3     | 1,183 | 3     | 334   | 1,186  | 337   | 849       | .....     |
| 5.—Others                          | 13    | 508   | 38    | 86    | 540    | 123   | 417       | .....     |
| Hides and skins—                   |       |       |       |       |        |       |           |           |
| 1.—Hides of cattle—                |       |       |       |       |        |       |           |           |
| a.—Dressed                         | ..... | 43    | ..... | 87    | 43     | 87    | .....     | 44        |
| b.—Undressed                       | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Skins of sheep, &c.—            |       |       |       |       |        |       |           |           |
| a.—Dressed                         | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| b.—Undressed                       | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Jute—                              |       |       |       |       |        |       |           |           |
| 1.—Raw—                            |       |       |       |       |        |       |           |           |
| a.—Scoured                         | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| b.—Undressed                       | ..... | 84    | ..... | 3     | 84     | 3     | .....     | 81        |
| 2.—Gunny bags and cloth            | 19    | 1     | 12    | 382   | 39     | 382   | 4         | 343       |
| Metals—                            |       |       |       |       |        |       |           |           |
| 1.—Copper, unwrought               | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Brass, unwrought                | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 3.—Brass and copper, wrought       | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 4.—Iron                            | 63    | 26    | 23    | 73    | 86     | 100   | .....     | 14        |
| 5.—Tin                             | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 6.—Others                          | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Oils—                              |       |       |       |       |        |       |           |           |
| 2.—Kerosene                        | 110   | ..... | 35    | ..... | 145    | 35    | 75        | .....     |
| 3.—Others                          | 130   | 1     | 81    | ..... | 131    | 81    | 50        | .....     |
| Oilseeds—                          |       |       |       |       |        |       |           |           |
| 1.—Linseed                         | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Rape and mustard                | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 3.—Til or klundi                   | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 4.—Niger                           | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 5.—Castor                          | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 6.—Poppy                           | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 7.—Others                          | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Provisions—                        |       |       |       |       |        |       |           |           |
| 2.—Betel-nuts                      | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 3.—Others                          | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Railway plant and rolling-stock    | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Salt                               | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Sugar—                             |       |       |       |       |        |       |           |           |
| 1.—Unrefined                       | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Refined                         | 10    | 2,063 | 35    | 683   | 2,073  | 718   | 1,355     | .....     |
| Tea—                               |       |       |       |       |        |       |           |           |
| 1.—Foreign                         | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Indian                          | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Wood—                              |       |       |       |       |        |       |           |           |
| 1.—Pine                            | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Firewood                        | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Tobacco                            | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| All other articles of merchandise— |       |       |       |       |        |       |           |           |
| 1.—Unmanufactured                  | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| 2.—Manufactured                    | ..... | ..... | ..... | ..... | .....  | ..... | .....     | .....     |
| Total                              | 6,103 | 6,305 | 2,346 | 2,303 | 10,449 | 4,649 | 5,800     | 519       |

Comparative Statement of the principal commodities carried over the Bengal Central Railway during the month of February 1888.

## INCREASES.

|   | Tons. |
|---|-------|
| Coal  | 2,213 |
| Due to increased requirement for Railway and Flotilla purposes.   | ..... |
| Grains  | 1,300 |
| A good rubber crop and a favorable market. The exportations are principally from Bongong, Dinapoke, Jhikargacha and Singha. | ..... |
| Betel-nuts  | 344   |
| from Bengal Central Flotilla stations for export to Barmah.   | ..... |
| Sugar   | 1,340 |
| principally from Jhikargacha and Gobardanga.  | ..... |

## DECREASES.

|   |       |
|---|-------|
| Jute  | 251   |
| due to a fall in prices in the Calcutta market. | ..... |

Calcutta, the 9th June 1888.

F. P. QUINLAN, Examiner of Accounts.

## Nathani State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nathani State Railway during the month of May 1888, as compared with the same month of the previous year.

| STAPLES.                                   | 1887. |       | 1888. |       | Total. |       | Increase. | Decrease. |
|--|-------|-------|-------|-------|--------|-------|-----------|-----------|
|  | Up.   | Down. | Up.   | Down. | 1887.  | 1888. |           |           |
| Coal                                       | Tons. | Tons. | Tons. | Tons. | Tons.  | Tons. | Tons.     | Tons.     |
| Cotton, raw                                | 413   | 7     | 112   | 15    | 413    | 119   | 6         | 301       |
| Cotton piece-goods—                        |       |       |       |       |        |       |           |           |
| 1.—European                                | 48    | 2     | 85    |       | 48     | 85    | 37        |           |
| 2.—Not intoxicating—                       |       |       |       |       |        |       |           |           |
| (b).—Others                                |       |       | 2     |       |        | 2     | 2         |           |
| Jute—                                      |       |       |       |       |        |       |           |           |
| 2.—Gunny bags and cloths                   | 25    |       | 9     | 2     | 25     | 11    |           | 14        |
| Grains—                                    |       |       |       |       |        |       |           |           |
| 1.—Wheat                                   | 69    |       | 2     | 44    | 69     | 46    | 106       | 23        |
| 2.—Rice                                    | 26    | 145   | 87    | 294   | 130    | 385   |           |           |
| 3.—Cereal                                  |       | 1     |       | 6     |        | 6     |           |           |
| 4.—Others                                  | 41    |       | 17    | 15    | 41     | 32    |           | 9         |
| Hides and skins—                           |       |       |       |       |        |       |           |           |
| 1.—Hides of cattle—                        |       |       |       |       |        |       |           |           |
| a.—Dressed                                 |       | 2     |       |       |        | 2     | 4         |           |
| b.—Skins of sheep, goats and small animals |       |       |       |       |        |       |           |           |
| 6.—Undressed                               |       | 2     |       |       |        | 2     |           |           |
| Leather, manufactured                      | 3     |       | 1     |       | 3      | 1     |           | 2         |
| Liquors—                                   |       |       |       |       |        |       |           |           |
| 1.—Beer                                    | 1     |       | 1     |       | 1      | 1     |           |           |
| 2.—Wines                                   | 1     |       | 1     |       | 1      | 1     |           |           |
| 3.—Spirits                                 | 1     |       |       |       | 1      |       |           |           |
| Metals—                                    |       |       |       |       |        |       |           |           |
| 1.—Copper, unwrought                       | 2     |       |       |       | 2      |       |           |           |
| 2.—Iron                                    |       |       | 1     |       |        | 1     |           |           |
| 4.—Others                                  | 7     | 4     | 2     | 1     | 11     | 1     |           | 2         |
| Oils—                                      |       |       |       |       |        |       |           |           |
| 1.—Castor                                  |       |       | 1     |       |        | 1     |           |           |
| 2.—Kerosene                                | 1     |       | 2     |       | 1      | 2     |           |           |
| 3.—Others                                  | 17    |       | 40    |       | 17     | 40    |           |           |
| Provisions—                                |       |       |       |       |        |       |           |           |
| 1.—Ghee                                    | 1     |       | 2     | 1     | 1      | 2     |           |           |
| 2.—Dried fruits and nuts                   |       |       | 2     |       |        | 2     |           |           |
| 3.—Others                                  |       |       | 7     |       |        | 7     |           |           |
| Railway plant and rolling stock            |       | 2     | 211   | 44    |        | 365   |           |           |
| Salt                                       | 22    |       | 710   |       | 22     | 710   |           |           |
| Oilseeds—                                  |       |       |       |       |        |       |           |           |
| 1.—Linseed                                 | 1     |       | 7     | 25    | 1      | 32    |           |           |
| 2.—Mustard and rape                        | 42    |       | 119   |       | 42     | 119   |           |           |
| 3.—Others                                  | 14    |       | 14    |       | 14     | 14    |           |           |
| Silk, raw—                                 |       |       |       |       |        |       |           |           |
| 2.—Indian                                  | 2     | 10    |       | 18    | 2      | 18    |           |           |
| Silk piece-goods—                          |       |       |       |       |        |       |           |           |
| 2.—Indian                                  |       | 4     |       | 3     |        | 3     |           |           |
| Spices—                                    |       |       |       |       |        |       |           |           |
| 2.—Others                                  |       |       | 15    |       |        | 15    |           |           |
| Stone and lime                             |       |       |       |       |        |       |           |           |
| Sugar—                                     |       |       |       |       |        |       |           |           |
| 1.—Drained                                 | 31    |       | 22    |       | 31     | 22    |           |           |
| 2.—Undrained                               | 4     |       | 27    | 9     | 4      | 26    |           |           |
| Tobacco                                    | 2     |       | 18    | 1     | 2      | 19    |           |           |
| Timber                                     |       |       | 6     | 3     |        | 9     |           |           |
| Paper and pasteboard                       |       |       | 3     |       |        | 3     |           |           |
| Umbrellas                                  |       |       | 1     |       |        | 1     |           |           |
| All other articles of merchandise          | 100   | 30    | 82    | 13    | 180    | 95    |           | 46        |
| Total                                      | 476   | 214   | 1,182 | 415   | 1,189  | 1,003 | 276       | 408       |

## INCREASE.

## Tons.

Cotton piece-goods—  
(1) Kerosene  
This increase is due to steamer service between Jessanj and Calcutta being stopped for want of sufficient water in the river.

Grains—  
(2) Rice  
This increase is due partly to the steamer service being closed, and partly to greater despatches from the intermediate stations owing to good crops and favourable demands.

Oils—  
(3) Others  
This increase is due to steamer service being closed for want of sufficient water in the river.

Railway plant and rolling stock  
This increase is due to greater materials being carried during this year.

Salt  
This increase is due to steamer service being closed for want of sufficient water in the river.

Oilseeds—  
(1) Linseed  
(2) Mustard and rape  
The increase under these heads is due to favourable demand.

Stone and lime  
This increase is due to greater demands for building purposes.

Sugar—  
(2) Undrained  
This increase is due to favourable market rate.

Tobacco  
This increase is due to fair market rate.

## DECREASE.

Coal  
This decrease is due to previous stock not being exhausted.

Jute—  
(2) Gunny bags and cloths  
This decrease is due to less demand.

Grains—  
(1) Wheat  
This decrease is due to dull market.

## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 1,613½ miles open.

|   | COACHING TRAFFIC.     |                | MERCHANDISE AND MINERAL TRAFFIC. |                  | Other earnings (estimated). | Total earnings.  | TRAFFIC TRAIN-MILES RUN. |              |           |
|---|-----------------------|----------------|----------------------------------|------------------|-----------------------------|------------------|--------------------------|--------------|-----------|
|   | Number of passengers. | Receipts.      | Weight carried.                  | Receipts.        |                             |                  | Coaching.                | Merchandise. | Total.    |
|   |                       | Rs. A. P.      | Mds. c.                          | Rs. A. P.        | Rs. A. P.                   | Rs. A. P.        |                          |              |           |
| Total traffic for the week ...                                | 207,361               | 2,39,164 14 0  | 2,99,180 10                      | 6,15,885 5 0     | 17,612 4 0                  | 8,73,396 7 0     | 84,570                   | 101,300      | 185,870   |
| Or per mile of railway for previous 23 weeks of half-year ... | 6,046,247             | 66,96,074 3 0  | 6,75,45,080 20                   | 1,46,48,252 6 1  | 4,86,054 4 11               | 9,17,77,384 0    | 1,449,002                | 2,359,346    | 3,808,348 |
| Total for 23 weeks ...  | 4,182,518             | 64,47,650 1 0  | 6,63,06,210 0                    | 1,53,04,342 14 1 | 4,98,297 8 11               | 9,66,86,679 4 0  | 1,514,872                | 2,408,500    | 3,923,372 |
| COMPARISON.   |                       |                |                                  |                  |                             |                  |                          |              |           |
| Total for corresponding week of previous year ...             | 970,001               | 2,55,276 0 0   | 2,81,620 10                      | 6,38,034 13 8    | 23,675 7 7                  | 9,14,164 6 3     | 64,701                   | 113,618      | 178,319   |
| Per mile of railway corresponding week of previous year ...   | ...                   | 108 0 11       | ...                              | 418 1 0          | 35 11 5                     | 601 13 4         | ...                      | ...          | ...       |
| Total to corresponding date of previous year ...              | 6,407,431             | 66,32,130 14 9 | 6,36,45,273 0                    | 1,53,77,443 0 7  | 4,40,002 14 9               | 9,29,63,175 14 1 | 1,550,302                | 2,668,523    | 4,218,825 |

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 11th JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9th JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1st APRIL 1887 TO 11th JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1st APRIL 1888 TO 9th JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                         |                         |
|  | Rs.       | Rs.              |   | Rs.       | Rs.              |   | Rs.             | Rs.                       |  | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| 1,613                                    | 8,15,184  | 603              | 1,613½                                  | 8,73,396  | 677              | 1,519   | 1,02,34,662     | 674                       | 1,613½   | 90,77,023       | 560                       | ...                     | 8,57,829                |

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 57½ miles open.

|   | COACHING TRAFFIC.     |               | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|---|-----------------------|---------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Receipts.     | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.     | Mds. c.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week ...                                | 11,368                | 4,928 14 0    | 42,315 50                        | 2,191 1 0  | 50 6 0                      | 7,369 6 0       | 1,448                    | 1,194        | 2,642  |
| Or per mile of railway for previous 23 weeks of half-year ... | 416,447               | 1,62,550 1 0  | 8,37,198 0                       | 68,201 7 0 | 814 9 0                     | 2,23,081 1 0    | 24,962                   | 14,867       | 39,829 |
| Total for 23 weeks ...  | 820,763               | 1,47,474 10 0 | 9,25,423 34                      | 62,625 8 0 | 840 15 0                    | 2,30,948 0 0    | 40,620                   | 16,846       | 57,466 |
| COMPARISON.   |                       |               |                                  |            |                             |                 |                          |              |        |
| Total for corresponding week of previous year ...             | 11,379                | 4,568 18 1    | 60,287 0                         | 3,364 16 0 | 51 6 0                      | 8,783 1 1       | 1,604                    | 790          | 2,394  |
| Per mile of railway corresponding week of previous year ...   | ...                   | 88 16 2       | 1,055 20                         | 58 13 3    | 0 6 0                       | 153 0 5         | ...                      | ...          | ...    |
| Total to corresponding date of previous year ...              | 320,143               | 1,63,500 14 4 | 10,61,907 34                     | 60,460 8 0 | 1,081 1 3                   | 2,44,304 0 4    | 32,164                   | 22,167       | 54,331 |

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 11th JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9th JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1st APRIL 1887 TO 11th JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1st APRIL 1888 TO 9th JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                         |                         |
|  | Rs.       | Rs.              |   | Rs.       | Rs.              |   | Rs.             | Rs.                       |  | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| ...                                      | ...       | ...              | ...                                     | 7,369     | 139              | ...   | 60,967          | 106                       | ...  | 52,905          | 101                       | ...                     | 6,082                   |

## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 18 miles open.

|   | COACHING TRAFFIC.     |             | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN |              |        |
|---|-----------------------|-------------|----------------------------------|------------|-----------------------------|-----------------|-------------------------|--------------|--------|
|   | Number of passengers. | Receipts.   | Weight carried.                  | Receipts.  |                             |                 | Coaching.               | Merchandise. | Total. |
| Total traffic for the week                    | 3,567                 | Rs. 12 8    | Mds. 10                          | Rs. 12 0   | 0 18 0                      | Rs. 12 8        | 1004                    | 300          | 1304   |
| Or per mile of railway                        | 40 14 4               | 40 14 4     | 40 14 4                          | 28 7 9     | 0 13 1                      | 40 13 2         | 79 3 2                  | 14 3 2       | 93 6 4 |
| For previous 22 weeks of half-year            | 68,336                | 11,054 5 0  | 4,04,181 30                      | 11,372 6 0 | 211 8 6                     | 21,253 0 5      | 7,354                   | 2,403        | 9,757  |
| Total for 22 weeks                            | 72,903                | 12,252 14 0 | 4,50,189 0                       | 11,714 8 0 | 232 5 8                     | 24,189 4 3      | 7,348                   | 4,196        | 11,544 |
| COMPARISON.                                   |                       |             |                                  |            |                             |                 |                         |              |        |
| Total for corresponding week of previous year | 3,675                 | Rs. 10 9    | Mds. 30                          | Rs. 8 0    | 18 2 8                      | Rs. 10 9        | 845                     | 148          | 993    |
| Or per mile of railway                        | 40 3 7                | 40 3 7      | 40 3 7                           | 28 9 10    | 1 8 3                       | 40 3 2          | 79 3 2                  | 14 3 2       | 93 6 4 |
| Total to corresponding date of previous year  | 72,315                | 12,116 12 9 | 4,50,497 0                       | 11,167 0 0 | 231 0 9                     | 23,504 13 6     | 7,080                   | 4,440        | 11,520 |

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 9TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                         |
| 12                                       | Rs. 959   | 79               | 12                                      | Rs. 95    | 79               | 12  | Rs. 13,494      | 108              | 12   | Rs. 11,715      | 99               |                         | 679                     |

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 74½ miles open.

|   | COACHING TRAFFIC.     |               | MERCHANDISE AND MINERAL TRAFFIC. |              | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN |              |         |
|---|-----------------------|---------------|----------------------------------|--------------|-----------------------------|-----------------|-------------------------|--------------|---------|
|   | Number of passengers. | Receipts.     | Weight carried.                  | Receipts.    |                             |                 | Coaching.               | Merchandise. | Total.  |
| Total traffic for the week                    | 4,837                 | Rs. 14 0      | Mds. 0                           | Rs. 2 0      | 128 0 0                     | Rs. 14 0        | 588                     | 1,701        | 2,289   |
| Or per mile of railway                        | 47 5 3                | 47 5 3        | 47 5 3                           | 28 2 8       | 1 11 5                      | 47 6 8          | 117 1 2                 | 22 9 1       | 139 0 3 |
| For previous 22 weeks of half-year            | 118,414               | 94,233 4 4    | 19,91,965 30                     | 58,302 11 6  | 2,306 18 0                  | 1,70,811 14 0   | 14,590                  | 28,734       | 43,324  |
| Total for 22 weeks                            | 124,251               | 99,734 2 0    | 19,90,255 10                     | 63,480 13 0  | 2,434 10 0                  | 1,75,508 14 0   | 16,276                  | 34,814       | 51,090  |
| COMPARISON.                                   |                       |               |                                  |              |                             |                 |                         |              |         |
| Total for corresponding week of previous year | 4,748                 | Rs. 13 10     | Mds. 30                          | Rs. 1 0      | 60 8 8                      | Rs. 13 10       | 741                     | 1,395        | 2,136   |
| Or per mile of railway                        | 47 11 6               | 47 11 6       | 47 11 6                          | 28 2 1       | 0 14 7                      | 47 13 1         | 107 1 8                 | 18 9 1       | 126 0 9 |
| Total to corresponding date of previous year  | 141,123               | 1,08,032 12 6 | 22,44,746 30                     | 1,02,916 3 0 | 2,883 5 9                   | 2,10,207 0 8    | 17,164                  | 29,388       | 46,552  |

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 9TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                         |
| 74½                                      | Rs. 3,311 | 107              | 74½                                     | Rs. 2,767 | 117              | 74½   | Rs. 24,851      | 187              | 74½  | Rs. 24,851      | 187              |                         |                         |

## TANKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 22½ miles open.

|   | COACHING TRAFFIC.     |                | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|---|-----------------------|----------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Receipts.      | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.      | Mds. n.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week                              | 18,890                | 4,798 11 0     | 7,348 20                         | 278 4 0    | 0 6 0                       | 5,078 8 0       | 801                      | 07           | 808    |
| Or per mile of railway                                  | 210 0 0               |                |                                  | 12 5 0     | 0 6 0                       | 228 3 10        |                          |              |        |
| For previous 25 weeks of half-year                      | 408,816               | 1,20,615 11 0  | 1,80,916 0                       | 6,568 12 0 | 150 4 3                     | 1,36,345 11 3   | 10,836                   | 1,030        | 21,672 |
| Total for 25 weeks                                      | 517,806               | 1,35,438 8 0   | 1,98,109 20                      | 6,862 0 0  | 165 10 3                    | 1,41,504 0 3    | 20,757                   | 1,705        | 22,462 |
| COMPARISON.   |                       |                |                                  |            |                             |                 |                          |              |        |
| Total for corresponding week of previous year           | 10,242                | 4,500 4 5      | 6,073 0                          | 345 3 0    | 7 7 0                       | 5,230 4 11      | 807                      | 71           | 878    |
| Per mile of railway corresponding week of previous year | 220 3 1               |                |                                  | 14 8 0     | 0 5 4                       | 235 1 1         |                          |              |        |
| Total to corresponding date of previous year            | 442,738               | 1,26,731 14 10 | 1,90,090 0                       | 6,769 3 0  | 173 13 0                    | 1,33,679 14 4   | 21,201                   | 1,273        | 22,474 |

Approximate Statement of gross receipts of the Tankessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 9TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 22½                                      | Rs. 5,250 | Rs. 230          | 22½                                     | Rs. 5,078 | Rs. 228          | 22½   | Rs. 63,176      | Rs. 281          | 22½  | Rs. 59,711      | Rs. 265          | Rs. 2,560               | Rs. ....                |

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BUTTAH SECTIONS.)

Approximate Return of Traffic for week ended 9th June 1888, on 672 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |               | Other earnings (estimated), including steamboat. | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |           |
|---|-----------------------|--------------------|----------------------------------|---------------|--|-----------------|--------------------------|--------------|-----------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.     |  |                 | Coaching.                | Merchandise. | Total.    |
|   |                       | Rs. A. P.          | Mds. n.                          | Rs. A. P.     | Rs. A. P.  | Rs. A. P.       |                          |              |           |
| Total traffic for the week                              | 119,148               | 53,240 0 0         | 446,703 0                        | 71,849 0 0    | 11,575 0 0                                       | 1,38,715 0 0    | 20,506                   | 19,000       | 39,506    |
| Or per mile of railway                                  | 177                   | 78 0 0             | 665 0                            | 110 0 0       | 17 5 0   | 206 0 0         |                          |              |           |
| For previous 25 weeks of half-year                      | 2,917,058             | 15,47,308 0 0      | 11,943,230 0                     | 16,96,336 0 0 | 3,24,843 0 0                                     | 20,46,121 0 0   | 487,781                  | 517,096      | 1,004,877 |
| Total for 25 weeks                                      | 3,036,206             | 15,99,442 0 0      | 12,891,933 0                     | 17,71,181 0 0 | 3,36,238 0 0                                     | 21,06,861 0 0   | 508,283                  | 537,500      | 1,045,783 |
| COMPARISON.   |                       |                    |                                  |               |  |                 |                          |              |           |
| Total for corresponding week of previous year           | 131,052               | 53,920 0 0         | 371,228 0                        | 63,540 0 0    | 11,506 0 0                                       | 1,38,906 0 0    | 20,464                   | 19,743       | 39,207    |
| Per mile of railway corresponding week of previous year | 204                   | 79 0 0             | 557 0                            | 98 0 0        | 17 0 0   | 206 0 0         |                          |              |           |
| Total to corresponding date of previous year            | 3,144,641             | 16,29,402 0 0      | 12,653,507 0                     | 17,49,903 0 0 | 3,00,275 0 0                                     | 21,09,700 0 0   | 485,533                  | 449,070      | 934,603   |

\* Audited up to week ending 28th April 1888.

† Excluding steamboat earnings.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |              |                  | RECEIPTS FOR WEEK ENDING 9TH JUNE 1888. |              |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 9TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|--------------|------------------|---|--------------|------------------|---|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts.    | Per mile worked. | Mean mileage worked.                    | Receipts.    | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 672                                      | Rs. 1,33,940 | Rs. 200          | 672                                     | Rs. 1,38,748 | Rs. 206          | 672   | Rs. 14,16,007   | Rs. 210          | 672  | Rs. 14,41,937   | Rs. 215          | Rs. 25,930              | Rs. ....                |

\* Audited up to 28th April 1888.

## BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 125 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIL-MILES REX. |              |         |
|---|-----------------------|--------------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|---------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total.  |
|   |                       | Rs. A. P.          | MDS. B.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |         |
| Total traffic for the week                                | 25,250                | 8,575 0 0          | 20,570 0                         | 2,012 0 0  | 64 0 0                      | 11,109 0 0      | 8,617                    | 3,700        | 5,826   |
| Per mile of railway                                       | 202                   | 68 0 0             | 164 0                            | 16 0 0     | 1 0 0                       | 89 0 0          | 69                       | 29           | 47      |
| For previous 23 weeks of half-year                        | 683,889               | 1,84,161 0 0       | 51,701,435 0                     | 71,040 0 0 | 4,101 0 0                   | 72,74,301 0 0   | 70,517                   | 26,310       | 117,180 |
| Total for 23 weeks  | 683,889               | 1,84,161 0 0       | 51,701,435 0                     | 71,040 0 0 | 4,101 0 0                   | 72,74,301 0 0   | 70,517                   | 26,310       | 117,180 |
| COMPARISON.   |                       |                    |                                  |            |                             |                 |                          |              |         |
| Total for corresponding week of previous year             | 27,015                | 10,131 0 0         | 40,300 0                         | 9,241 0 0  | 61 0 0                      | 13,735 0 0      | 9,403                    | 3,728        | 5,210   |
| Per mile of railway corresponding period of previous year | 224                   | 81 0 0             | 324 0                            | 73 0 0     | 1 0 0                       | 110 0 0         | 75                       | 30           | 47      |
| Total to corresponding date of previous year              | 613,181               | 2,13,907 0 0       | 233,102 0                        | 63,045 0 0 | 1,120 0 0                   | 2,78,041 0 0    | 10,054                   | 30,109       | 121,063 |

\* Audited up to 15th April 1888.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

| RECEIPTS FOR WEEK ENDING 11th JUNE 1887. |            |                  | RECEIPTS FOR WEEK ENDING 9th JUNE 1888. |            |                  | TOTAL RECEIPTS FROM 1st APRIL 1887 TO 11th JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1st APRIL 1888 TO 9th JUNE 1888. |                 |                           | Total increase in 1888-87. | Total decrease in 1888-87. |
|--|------------|------------------|---|------------|------------------|---|-----------------|---------------------------|--|-----------------|---------------------------|----------------------------|----------------------------|
| Mean mileage worked.                     | Receipts.  | Per mile worked. | Mean mileage worked.                    | Receipts.  | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                            |                            |
| 125                                      | Rs. 13,735 | Rs. 110          | 125                                     | Rs. 17,169 | Rs. 62           | 125   | Rs. 1,25,071    | Rs. 308                   | 125  | Rs. 71,19,702   | Rs. 65                    | Rs. ....                   | Rs. 16,309                 |

\* Audited up to 26th April 1888.

## DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 86 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIL-MILES REX. |              |        |
|---|-----------------------|--------------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.          | MDS. B.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week                                | 12,114                | 3,954 0 0          | 5,037 0                          | 500 0 0    | 80 0 0                      | 4,434 0 0       | 3,141                    | 0 000        | 3,141  |
| Per mile of railway                                       | 141                   | 45 0 0             | 64 0                             | 6 0 0      | 0 0 0                       | 51 0 0          | 36                       | 0 000        | 36     |
| For previous 23 weeks of half-year                        | 300,571               | 81,503 0 0         | 372,013 0                        | 18,553 0 0 | 3,800 0 0                   | 71,34,816 0 0   | 47,468                   | 91,770       | 69,320 |
| Total for 23 weeks  | 312,787               | 84,330 0 0         | 337,140 0                        | 19,053 0 0 | 3,850 0 0                   | 71,31,272 0 0   | 49,920                   | 92,850       | 71,460 |
| COMPARISON.   |                       |                    |                                  |            |                             |                 |                          |              |        |
| Total for corresponding week of previous year             | 12,960                | 3,702 0 0          | 4,214 0                          | 602 0 0    | 140 0 0                     | 4,537 0 0       | 3,708                    | 000          | 3,708  |
| Per mile of railway corresponding period of previous year | 150                   | 43 0 0             | 49 0                             | 7 0 0      | 2 0 0                       | 53 0 0          | 43                       | 000          | 43     |
| Total to corresponding date of previous year              | 250,187               | 69,308 0 0         | 441,605 0                        | 32,011 0 0 | 4,101 0 0                   | 71,38,704 0 0   | 55,670                   | 91,991       | 77,941 |

\* Audited up to week ending 26th April 1888.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

| RECEIPTS FOR WEEK ENDING 11th JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9th JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1st APRIL 1887 TO 11th JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1st APRIL 1888 TO 9th JUNE 1888. |                 |                           | Total increase in 1888-87. | Total decrease in 1888-87. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|---------------------------|--|-----------------|---------------------------|----------------------------|----------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                            |                            |
| 86                                       | Rs. 4,637 | Rs. 53           | 86                                      | Rs. 4,108 | Rs. 51           | 86  | Rs. 51,744      | Rs. 60                    | 86   | Rs. 42,614      | Rs. 50                    | Rs. ....                   | Rs. 2,130                  |

\* Audited up to week ending 26th April 1888.

## ASSAM-BEHAR STATE RAILWAY.

(PURNEAH SECTION.)

Approximate Return of Traffic for week ended 9th June 1888, on 39 miles open.

|  | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|--|-----------------------|--------------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|  | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|  |                       | Rs. A. P.          | Mts. c.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week ...                                 | 2,828                 | 948 0 0            | 20,178 0                         | 2,005 0 0  | 20 0 0                      | 2,025 0 0       | 538                      | 540          | 1,078  |
| Or per mile of railway ...                                     | 72                    | 25 0 0             | 748 0                            | 510 0 0    | 1 0 0                       | 511 0 0         | 14                       | 14           | 28     |
| For previous 25 weeks of half-year ...                         | 62,610                | 23,025 0 0         | 572,468 0                        | 47,073 0 0 | 974 0 0                     | 47,947 0 0      | 12,018                   | 12,013       | 24,031 |
| Total for 25 weeks ...   | 65,438                | 23,973 0 0         | 592,646 0                        | 50,278 0 0 | 994 0 0                     | 51,272 0 0      | 12,556                   | 12,553       | 25,109 |
| COMPARISON.  |                       |                    |                                  |            |                             |                 |                          |              |        |
| Total for corresponding week of previous year ...              | 2,828                 | 919 0 0            | 19,148 0                         | 1,905 0 0  | 28 0 0                      | 1,933 0 0       | 530                      | 539          | 1,069  |
| Or per mile of railway corresponding week of previous year ... | 72                    | 24 0 0             | 491 0                            | 48 0 0     | 2 0 0                       | 50 0 0          | 14                       | 14           | 28     |
| Total to corresponding date of previous year ...               | 20,717                | 8,810 0 0          | 110,050 0                        | 21,705 0 0 | 309 0 0                     | 22,014 0 0      | 5,514                    | 5,544        | 11,058 |

\* Audited up to week ending 25th April 1888.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 10TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 9TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|------------------|--|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                         |
|  | Rs.       | Rs.              |   | Rs.       | Rs.              |   | Rs.             | Rs.              |  | Rs.             | Rs.              |                         | Rs.                     |
| 39                                       | 2,803     | 72               | 42                                      | 2,703     | 65               | 33  | 53,824          | 87               | 39   | 51,904          | 90               | 1,070                   | ...                     |

\* Audited up to week ending 25th April 1888.

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 9th June 1888, on 27½ miles open.

|  | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |             | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|--|-----------------------|--------------------|----------------------------------|-------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|  | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.   |                             |                 | Coaching.                | Merchandise. | Total. |
|  |                       | Rs. A. P.          | Mts. c.                          | Rs. A. P.   | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week ...                                   | 3,019                 | 1,115 0 0          | 12,007 0                         | 97 0 0      | 10 0 0                      | 9,022 0 0       | 549                      | 263          | 760    |
| Or per mile of railway ...                                       | 112                   | 40 12 0            | 471 0                            | 35 0 0      | 0 6 0                       | 35 6 0          | 16                       | 10           | 26     |
| For previous 25 weeks of half-year ...                           | 71,735                | 26,475 0 0         | 3,10,265 0                       | 28,003 0 0  | 430 0 0                     | 28,433 0 0      | 11,198                   | 9,270        | 20,468 |
| Total for 25 weeks ...   | 74,754                | 27,590 0 0         | 3,22,272 0                       | 28,080 0 0  | 430 0 0                     | 28,510 0 0      | 11,747                   | 9,534        | 21,281 |
| COMPARISON.  |                       |                    |                                  |             |                             |                 |                          |              |        |
| Total for corresponding week of previous year ...                | 3,211                 | 1,031 5 0          | 1,358 30                         | 43 15 0     | 10 0 0                      | 1,084 5 0       | 603                      | 254          | 760    |
| Or per mile of railway corresponding period of previous year ... | 118                   | 38 0 0             | 493 0                            | 16 10 0     | 0 6 0                       | 38 6 0          | 22                       | 10           | 32     |
| Total to corresponding date of previous year ...                 | 70,665                | 24,098 0           | 2,93,115 0                       | 16,564 5 11 | 578 0 7                     | 24,676 5 11     | 11,770                   | 7,021        | 18,460 |

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 9TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 10TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 9TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1887-88. |
|--|-----------|------------------|---|-----------|------------------|---|-----------------|------------------|--|-----------------|------------------|-------------------------|----------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                    | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                 | Total receipts. | Per mile worked. |                         |                            |
|  | Rs.       | Rs.              |   | Rs.       | Rs.              |   | Rs.             | Rs.              |  | Rs.             | Rs.              |                         | Rs.                        |
| 27½                                      | 1,908     | 69               | 27½                                     | 2,067     | 75               | 27½   | 17,323          | 63               | 27½  | 18,028          | 66               | 205                     | ...                        |



## TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 6th June 1888, on 259 miles open.

|   | COACHING TRAFFIC.     |                       | MERCHANTS AND MINERAL TRAFFIC. |                      | Other earnings (estimated). | Total earnings.      | TRAFFIC TRAFFIC-MILES RUN |              |         |
|---|-----------------------|-----------------------|--------------------------------|----------------------|-----------------------------|----------------------|---------------------------|--------------|---------|
|   | Number of passengers. | Coaching receipts.    | Wagon carried.                 | Receipts.            |                             |                      | Coaching.                 | Merchandise. | Total.  |
| Total traffic for the week on 259 miles open                    | 56,720                | Rs. A. P. 12,675 13 8 | Mds. 1,20,770 24               | Rs. A. P. 10,668 7 0 | Rs. A. P. 2,204 2 4         | Rs. A. P. 21,547 8 7 | 8,743                     | 7,469        | 16,212  |
| Or per mile of railway  | 142                   | 48 11 0               | 500 9                          | 42 2 0               | 8 10 0                      | 115 7 0              | ...                       | ...          | ...     |
| For previous 12 weeks of half-year                              | 6,35,222              | 3,47,765 2 8          | 45,02,112 14                   | 4,82,804 9 0         | 71,526 13 8                 | 5,08,208 9 8         | 156,548                   | 109,120      | 265,668 |
| Total for 23 weeks  | 940,943               | 3,89,041 0 0          | 44,50,109 8                    | 4,70,903 0 8         | 74,841 0 0                  | 5,35,185 0 8         | 141,284                   | 171,680      | 312,964 |
| COMPARISON.   |                       |                       |                                |                      |                             |                      |                           |              |         |
| Total for corresponding week of previous year on 242 miles open | 42,812                | 14,385 4 8            | 2,91,300 0                     | 17,713 14 0          | 3,810 18 7                  | 36,417 18 0          | 6,280                     | 7,908        | 14,188  |
| Per mile of railway correspond- ing week of previous year       | 178                   | 59 0 0                | 120 0                          | 71 18 0              | 15 0                        | 151 14 0             | ...                       | ...          | ...     |
| Total to corresponding date of previous year                    | 293,144               | 3,40,149 11 11        | 39,08,882 20                   | 5,72,119 15 8        | 74,145 14 3                 | 7,93,635 7 9         | 131,688                   | 168,148      | 300,836 |

\* Steam boat earnings excluded in calculating "Total earnings per mile of Railway."

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

| RECEIPTS FOR WEEK ENDING 11TH JUNE 1887. |            |                  | RECEIPTS FOR WEEK ENDING 6TH JUNE 1888. |            |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 6TH JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1886. |
|--|------------|------------------|---|------------|------------------|---|-----------------|---------------------------|--|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts.  | Per mile worked. | Mean mileage worked.                    | Receipts.  | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                 | Total receipts. | Per mile worked per week. |                         |                         |
| 242                                      | Rs. 34,419 | Rs. 140          | 259                                     | Rs. 31,948 | Rs. 123          | 240   | Rs. 2,42,105    | Rs. 157                   | 249  | Rs. 3,27,974    | Rs. 146                   | Rs. 35,271              | Rs. ...                 |

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Rs.

|  |     |     |     |                   |
|--|-----|-----|-----|-------------------|
| Approximate earnings for week ending 2nd June 1888 | ... | ... | ... | 15,431            |
| Corresponding week last year                       | ... | ... | ... | 10,359            |
| Increase   | ... | ... | ... | 2,069             |
| Receipts from 1st January to 2nd June 1888         | ... | ... | ... | 2,14,301          |
| From 1st January to 4th June 1887                  | ... | ... | ... | 1,74,073          |
| Increase   | ... | ... | ... | 40,128            |
| Miles open week ending 2nd June 1888               | ... | ... | ... | 61                |
| Corresponding week last year                       | ... | ... | ... | 61                |
| Receipts per mile open week ending 2nd June 1888   | ... | ... | ... | Rs. A. P. 243 8 9 |
| Corresponding week last year                       | ... | ... | ... | 202 15 10         |
| Increase   | ... | ... | ... | 40 8 11           |

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Rs.

|  |     |     |     |                   |
|--|-----|-----|-----|-------------------|
| Approximate earnings for week ending 9th June 1888 | ... | ... | ... | 10,981            |
| Corresponding week last year                       | ... | ... | ... | 10,365            |
| Increase   | ... | ... | ... | 616               |
| Receipts from 1st January to 9th June 1888         | ... | ... | ... | 2,36,139          |
| From 1st January to 11th June 1887                 | ... | ... | ... | 1,84,439          |
| Increase   | ... | ... | ... | 51,700            |
| Miles open week ending 9th June 1888               | ... | ... | ... | 61                |
| Corresponding week last year                       | ... | ... | ... | 61                |
| Receipts per mile open week ending 9th June 1888   | ... | ... | ... | Rs. A. P. 215 8 0 |
| Corresponding week last year                       | ... | ... | ... | 203 9 2           |
| Increase   | ... | ... | ... | 12 1 8            |



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 27, 1888.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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### RESOLUTION ON THE ADMINISTRATION OF THE JAIL DEPARTMENT FOR THE YEAR 1887.

#### RESOLUTION.

#### JAILS.

*Dated Darjeeling, the 16th June 1888.*

#### READ—

The Report on the Administration of the Jail Department for the year 1887.

#### Read also—

The Reports for the years 1885 and 1886, and the orders of Government recorded thereon.

Dr. Lethbridge was in charge of the Department throughout the year. The annual report has again been submitted with commendable promptitude. Dr. Lethbridge has also considerably cut down the dimensions of the report by careful attention to the orders of Government. The report for 1887 only fills 35 pages, while that for 1884 required 81 pages. The report for 1886 filled 44 pages.

The general results are very satisfactory. It must, however, be borne in mind that all the statistics are affected by the releases and remissions

granted on the celebration of the Jubilee, and to a certain extent this fact affects all comparisons with the figures of previous years. The death-rate fell to 33.1 per mille, the lowest on record, against 37.2 in 1886, and an average of 59.2 since 1863. The number of whippings was only 266 against 396 in 1886 and a yearly average of 364.25 from 1882 to 1885. The number of escapes fell to 13 against 17 in 1886, and a yearly average of 25.4 from 1881 to 1885. The number of whippings and escapes are the lowest on record. Making every allowance for the effect on these figures of the Jubilee releases, they testify to the excellent administration of the Department.

2. *Judicial Statistics.*—The total jail population at the beginning of the year (14,629) was reduced by the 31st December to 13,210, the lowest figure on record, and in great measure the result of remissions granted on the Jubilee day. The daily average population of all classes of prisoners decreased from 14,805.90 in 1886 to 12,250.36 in 1887. This decrease is confined to convicts and civil prisoners, there being an increase of 63.83 in the daily average of under-trial prisoners, due to the unsatisfactory fact of their longer detention under trial. The number admitted was actually less than in 1886. The following table shows the figures for convicts only for the last ten years:—

|   | 1878.  | 1879.  | 1880.  | 1881.  | 1882.  | 1883.  | 1884.  | 1885.  | 1886.  | 1887.  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Number of prisoners in jails and subsidiary jails on the last day of previous year. | 17,090 | 17,938 | 17,200 | 16,394 | 15,231 | 14,377 | 13,417 | 14,001 | 13,821 | 13,465 |
| Admitted direct during the year   | 28,070 | 35,726 | 33,325 | 31,405 | 31,710 | 30,763 | 32,034 | 31,550 | 30,875 | 29,342 |
| Total   | 55,066 | 53,664 | 50,525 | 47,799 | 46,941 | 45,140 | 45,451 | 45,551 | 44,696 | 42,807 |
| Admitted by transfer  | 29,181 | 29,500 | 18,811 | 17,094 | 16,700 | 16,498 | 16,880 | 17,363 | 17,374 | 16,427 |
| Total   | 24,160 | 74,162 | 69,336 | 64,893 | 63,701 | 59,638 | 62,331 | 62,914 | 61,045 | 59,234 |
| Total discharged including transfers  | 58,164 | 64,982 | 53,062 | 49,612 | 48,324 | 46,222 | 48,000 | 49,025 | 48,403 | 47,864 |
| Balance at the end of the year  | 17,090 | 17,901 | 16,384 | 15,291 | 14,377 | 13,417 | 14,001 | 13,821 | 13,465 | 13,210 |
| Daily average number of prisoners   | 17,274 | 17,288 | 16,673 | 16,006 | 14,601 | 13,711 | 13,607 | 13,767 | 13,504 | 12,908 |

The number of direct admissions (29,942) is lower than in any year except 1883 (29,763), and is a satisfactory proof that there was no appreciable increase of crime in consequence of the Jubilee releases. The balance at the end of the year (11,950) and the daily average number (10,908) are the lowest on record, owing to the releases and the small number of admissions. The proportion of the population confined in central jails rose from 53.38 to 59.55 per cent., a very satisfactory increase, as the conditions of jail life are more penal and the prisoner's labour is more valuable from an industrial point of view in central than in district jails. District jails held 37.61 per cent. of the population, and subsidiary jails 2.84 per cent. The corresponding figures for 1886 are 53.38, 44.60 and 2.00.

3. 30,760 prisoners were released against 30,696 in 1886. While in 1886, 27,125 persons were released on expiry of sentence, the figures for 1887 are 21,328. On the other hand the number released on other grounds rose from 27 to 6,494. These figures are accounted for by the releases at the time of the Jubilee. The number released on appeal has steadily increased from 1,884 in 1882 to 1,903 in 1887. This point will be dealt with in considering the crime report. The decrease in the number of releases under the head "remission rules," 1,017 against 1,674 in 1886, is due to the fact that a large number of prisoners who would otherwise have been released under the mark system, some time in 1887, were set free on the Jubilee day.

4. The number of convicts transported beyond seas rose from 468 in 1885 and 668 in 1886 to 797 in 1887. The attention of the Government of India has been drawn to the fact that some of the Local Governments have relaxed too far the new rules of selection. In one case from another province the prisoner was almost blind of both eyes. The number of Bengal prisoners transported was 168. The corresponding figures for 1885 and 1886 were 74 and 137 respectively. Executions rose from 17 in 1886 to 30 in 1887.

5. The number of Burmese prisoners confined in Bengal Jails was increased by 20 during 1887, bringing the total to 234. The Government of India,

has now under consideration a scheme for granting tickets-of-leave to this class of prisoners. Some such scheme is required, as they will otherwise become a source of danger from their increasing numbers in the less secure district jails. They mostly enjoy excellent health in Bengal. Their conduct was generally good, but the number of offences increased from 174 to 450, of which 178 related to work. This is still far below the average reported in the case of other prisoners. One of them committed a very serious assault on a convict officer. Two Burmese prisoners escaped through the carelessness of the Pubna Jail officials. Of the three men who escaped in 1886, one was recaptured. He states that his companions both died on the way back to Burma, one was drowned, and the other, killed in the Chittagong Hill Tracts.

6. The figures given by the Inspector-General show that 57·34 per cent. of the persons admitted in 1887 were Hindoos, 38·61 per cent. Mahomedans, and 1·27 per cent. Christians. There were also 168 Buddhists and 665 of other religions. The figures differ very little from those for last year. The percentage of Christians fell from 1·89 in 1886 to 1·27 per cent. in 1887. The number of juveniles admitted rose to 296 from 273 in 1886. The Reformatory Schools at Hazaribagh and Alipore continue to do excellent work.

7. Of the prisoners admitted 18,686, or 62·40 per cent., were sentenced to imprisonment for three months and less. The corresponding figures for 1886 were 19,729, or 64·3 per cent. The number sentenced to simple imprisonment fell from 2,340 to 2,216. The number of juvenile offenders sentenced to whipping fell to 377 from 448 in 1886. The number of other judicial whippings has fallen continuously from 1,965 in 1885 to 1,378 in 1887.

8. The number of female prisoners admitted into jail fell from 1,573 in 1885 to 1,391 in 1886 and 1,280 in 1887. The rules to prevent solitary confinement where there happens to be only one female in jail proved successful. 351 women were released on the Jubilee day, leaving only 78 women in the Bengal Jails. A female ward has been opened in the Presidency Jail to obviate legal difficulties connected with the jurisdiction of the High Court.

9. The number of reconvicted prisoners admitted into jail decreased from 3,589, or 11·70 per cent. of admission, in 1886, to 3,472, or 11·60 per cent., in 1887. New rules were introduced in February 1887 regarding the identification and classification of habitual offenders, and until they have been working some time it will be impossible to draw comparisons of any value with the figures of previous years. The jails showing the largest number of reconvictions were Calcutta 402 or 22·56, Monghyr 149 or 22·10 and Alipore 139 or 12·16 per cent. In Monghyr the percentage rose from 10·69 in 1886 to 22·10 in 1887. The District Magistrate attributes the increase in Monghyr to the exertions made in tracing the previous history of convicts by the District Superintendent of Police, Colonel Ramsay, to whom these results are very creditable. It is probable that similar exertions in other districts would lead to more accurate results than are now obtained. The number of persons imprisoned for failing to give security for good behaviour rose to 838. Of the prisoners admitted, 86·92 were unable to read and write; 9·66 per cent. were able to read and write a little, and the remainder could read and write well. The figures differ little from those for 1886.

10. The number of under-trial prisoners admitted during the year was 26,240, the lowest number admitted since 1883. The average period of detention was 17·75 days, a longer time than in any other year of this decade. It is impossible to compare the figures for different subsidiary jails, as at present the figures do not distinguish between prisoners in Sessions cases, where the delay is more or less unavoidable, and in Magistrate's cases. Sir Stuart Bayley approves of the proposal of the Inspector-General of Jails to show such cases separately in future. The Lieutenant-Governor has recently given orders that under-trial prisoners in central, district and intermediate jails shall be placed on full diet from the date of their admission, and it is hoped this will have some effect on the health of convicts during the first few months of their confinement. That the health of under-trial prisoners at the time of admission is very bad appears to be proved by the fact that out of 27,120 individuals who spent on an average 17·75 days in jail, 36 should have died. It is scarcely possible to suppose that the

death-rate in these cases should have been affected by the treatment the prisoners received in the subsidiary jails. The accommodation for under-trial prisoners is good and sufficient, except in the Presidency and Gya Jails, where, owing to want of funds, it has hitherto been impossible to deal with this question. The Lieutenant-Governor hopes it may be taken up during the current year. 6 under-trial prisoners escaped during the year (excluding 5 prisoners who escaped and were recaptured during the year), the same number as in 1885 and 1886. 3,054 civil prisoners were admitted during the year against 3,410 in 1886. Out of this number 62 were released on the Jubilee day, the Imperial Government paying their debts to the amount of Rs. 3,632.

11. *Jail buildings.*—Six new subsidiary jails were built at a cost of Rs. 28,953. A female ward, new guard-house and new workshop was provided in the Alipore Jail at a cost of Rs. 33,691. In the Presidency Jail solitary cells and an inner wall were built, costing Rs. 7,383. In Dacca Rs. 18,691 were expended on the new Central Jail. In Buxar Central Jail an upper story to the factory cost Rs. 9,349. The daily average number of prisoners employed on jail buildings was 1,124. The estimated earnings of the prisoners so employed is not shown in any of the financial statistics of this report.

12. *Guards and Escapes.*—The Jail establishment of Bengal was organised in 1878 for a jail population which averaged for 1874, 1875 and 1876 over 21,500 prisoners of all classes, the jail population having steadily since then decreased to its daily average of 12,250 in 1887. On the proposal of the Inspector-General of Jails, the Bhagulpore District Jail was abolished last year, and the reserve guards of 14 district jails, containing less than 100 prisoners, were dispensed with. Towards the close of the year Government sanctioned the reduction of 4 district jails to the new grade of intermediate jails. The result is a net saving of Rs. 41,958 per annum. The Inspector-General of Jails states that, should the jail population not increase, he will recommend a reduction of three more district jails to the intermediate grade.

13. The Lieutenant-Governor is glad to observe that Dr. Lethbridge is able to report a further improvement in the paid warder establishment, especially marked by the improvement in their military training and manner of carrying out their routine duties. Formerly many men resigned on the slightest occasion; now, if a warder is dismissed, he does not hesitate to come all the way to Calcutta to lay his case before the Inspector-General if he sees the least chance of being reinstated. The total number of warders employed in jails and subsidiary jails during the year was 1,707. The number of offences decreased from 3,133 in 1885 and 2,715 in 1886 to 2,359 in 1887. Petty offences were met in 878 cases by warning and extra drill. 405 offences were connected with drill. The number dismissed fell from 216 in 1885 and 128 in 1886 to 103 in 1887. The imposition of small fines is the most common form of punishment, and was adopted in 1,276 cases. Excluding warnings and extra drill, there was barely one punishment per head. It is only by noticing every petty offence that the discipline of men of the class enlisted in the warder establishment can be improved. Where jails are guarded by police whose punishments are not shown in the jail returns, the number of punishments recorded should of course be much smaller. The number of escapes fell to 13, the lowest figure on record. The proportion of escapes to admissions was in 1886 lower in Bengal than in any other province excepting the North-Western Provinces, and it must be borne in mind that the very large number of minor jails greatly increases the difficulty of preventing escapes as compared with other provinces where there are no subsidiary jails. In 1870, 1871 and 1872, when guarding was done by police constables, there were 477 escapes.

Two Burmese prisoners escaped from the Pubna Jail through the discreditable laxity of the Jailer and his subordinates as regards the night-guarding arrangements and the over-confidence reposed in well-behaved, useful prisoners, which enabled one of the Burmese unobserved to file the bar of one of the gratings of a door in his ward and in the ward in which the other Burman slept. The escape from the Dacca Jail was not due to any defect in the system of

guarding, as the prisoner passed out with the men released on the Jubilee day in the place of a man bearing the same name as himself. The small number of escapes testifies to the improvement in discipline of the warder establishment, and is highly creditable to Dr. Lethbridge and his subordinates.

14. *Prison discipline.*—The new rules requiring that the classification of habitual prisoners shall be made by the Court or District Magistrate were in force for some months last year. In some cases the orders were not understood by the Magistrates. In Dinagapore, for instance, 80 persons convicted for the first time were classed as habituals. Again in Bhagulpore, on reclassifying the prisoners of the Bhagulpore Jail, 140 prisoners who had been once convicted were transferred by the Magistrate from the A to the B class, under the idea apparently that all prisoners sentenced for dacoity, robbery, or house-breaking to three years' imprisonment and upwards must be hardened and dangerous criminals, even though never convicted before. In another place, 3 prisoners, sentenced to 20 days for hurt and not convicted before, were classed B. On the other hand, in Monghyr, 8 prisoners, sentenced to six months' imprisonment in default of security to be of good behaviour, were classed as A. Except in these and a few minor cases the rules worked well. The Inspector-General proposes to call shortly for a further report on this subject from Superintendents of Jails. He is requested to bring to the notice of Government any case in which the rules appear to have been flagrantly misapplied. A decrease in the number of habituals was foretold by the Inspector-General in his Administration Report in 1885 as a result of the new rules. It is difficult, however, at present to say whether the slight decrease in their number, noticed in paragraph 9, is due to this cause.

15. The number of offences by convicts fell to 35,824 from 40,512 in 1886. The percentage of offences to the daily average population rose to 326.4 from 299.9 in 1886. On the other hand, only 59.8 of the whole number of individual prisoners committed offences as against 65.5 the year before. As the Lieutenant-Governor lately addressed the Government of India on this subject, it is unnecessary here to deal at length with the subject of the recording of jail offences. The number of serious offences keeps extremely low. There were only 44 punishments by Criminal Courts against 85 in 1884, 71 in 1885, and 44 in 1886. The number of corporal punishments is a third less than in 1886, namely, 266 against 396, another indication of the small number of serious offences. In 21 cases only were less than 10 stripes given and in 42 cases between 10 and 15. During the last two quarters of the year there was no case in which less than 10 stripes were given. The six cases in which illness is reported to have followed after corporal punishment were all cases of ulcers caused by whipping. Reduced diet was only given in 820 cases against 4,495 in 1884, 2,958 in 1885, and 1,514 in 1886. Fetters were imposed in 11,640 cases as a punishment. In 10,242 cases the prisoners had them on for less than a month. Only 119 men were kept in fetters for safe custody—a very small number, considering that there were 284 Burmese prisoners in the Bengal jails.

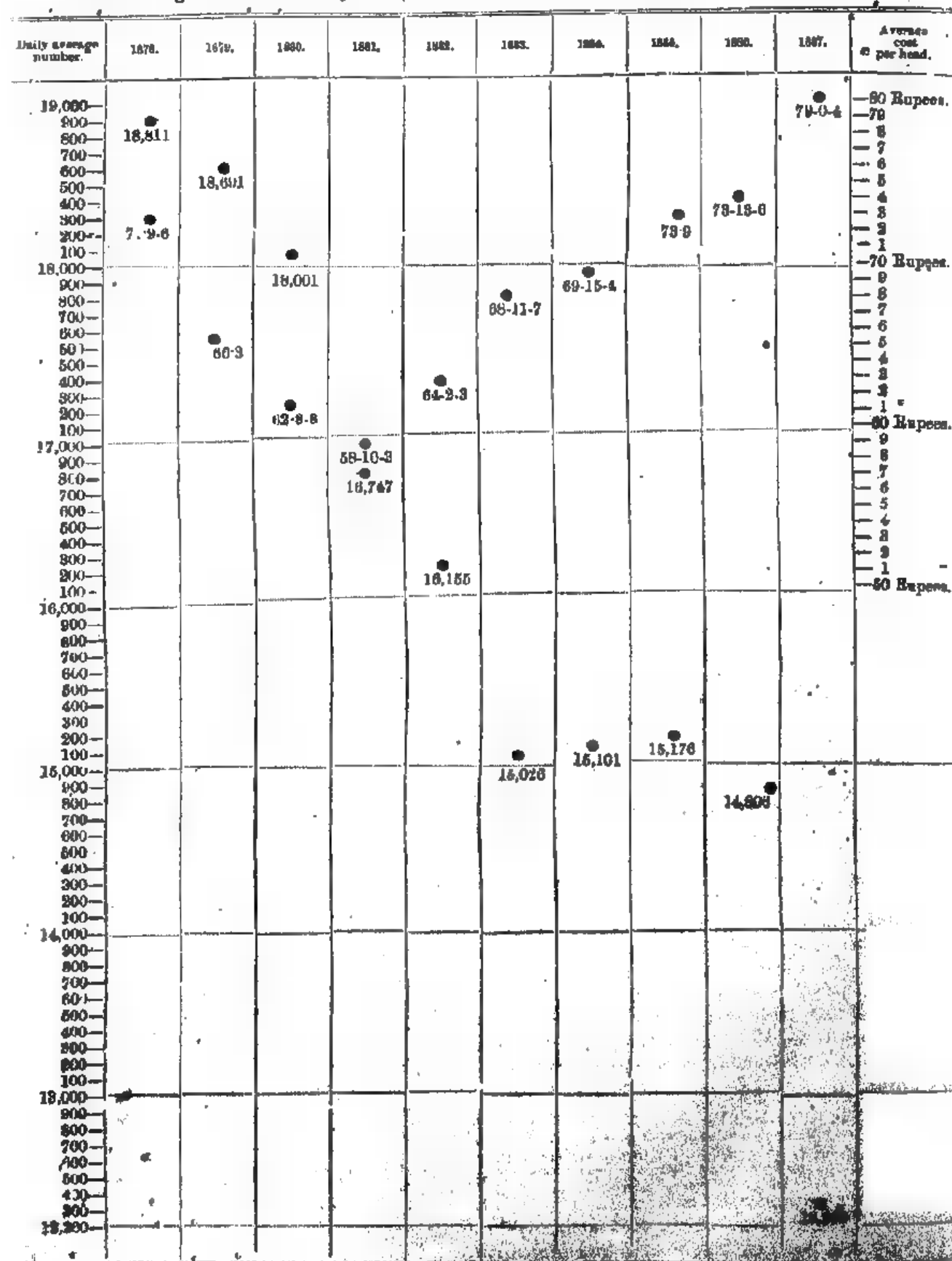
16. Of the whole male jail population, only 4.34 per cent. were employed as convict officers, against 6.89 in 1886. This large reduction is due to the fact that convict warders, who take the place of paid warders, are not shown this year in Statement VIII, and to the large number released on account of the Jubilee, whom it was impossible to replace from those left in jail. As convict officers are not to be appointed in intermediate jails, the number for future years will be low though, as the Government of India pointed out in its review of the Administration Reports of the Jails of the several provinces of British India for 1886, they cannot be dispensed with altogether. The number of convict officers punished was 1,368 as against 1,868 in 1886. This shows that they worked well on the whole, as 1,543 convict officers were employed during the year. It requires constant warnings and corrections to make them efficient disciplinarians, and it is not found in practice in Bengal that minor corrections, if awarded at the special parades of convict officers, lower their position in the eyes of the prisoners.

The new mark rules were in force throughout the year, but the system was vitiated by the large number of convicts on the mark system.



released at the Jubilee. The Inspector-General's opinion is that the new system as now worked is a complete success.

18. *Expenditure*.—The gross expenditure for all classes of jails fell from Rs. 10,93,361 to Rs. 9,68,033, the lowest figure ever reached. The decrease is spread over all items, excepting Medical Stores, which shows an increase of Rs. 607. Owing to the fall in daily population from 14,806 to 12,250, the cost per prisoner has risen from Rs. 73-13-6 to Rs. 79-0-4. The following diagram shows the fluctuation in the daily average number of prisoners and the average cost of each prisoner during the last 10 years:—



The cost per head fell in 1881, owing to a marked decrease in the price of rice, but since 1882 it has continuously risen, while the average number confined has simultaneously greatly diminished. This is a necessary result of the fact that the scales of establishments were adapted to a jail population of 20,000. The Inspector-General's scheme, by which 14 district jails were reduced to the intermediate grade, will result in a large saving this year, and if the jail population does not increase, further reductions will be possible.

19. The expenditure in Central and District Jails shows a decrease under every head, and a total of Rs. 8,12,576 against Rs. 9,39,472 last year. The reduction in the daily average population, however, has raised the cost per prisoner from Rs. 66-9-11 to Rs. 70-12-3. There is a decided saving in all items of expenditure which are in the power of Superintendents to control. Thus, allowing for the smaller daily average number of prisoners, there has been a saving of Rs. 38,219 under the head of diet, or, in other words, the average annual expenditure for diet per prisoner has fallen from Rs. 22-15-4 to Rs. 20-4; while the annual cost of clothing a prisoner has fallen to Rs. 3-14-6 from Rs. 4-14-3 in 1885 and Rs. 4-4-10 in 1886. Taking together the heads diet, hospital charges, and clothing, the average annual expenditure per prisoner has fallen from Rs. 30-4-6 in 1886 to Rs. 27-4-8 in 1887.

20. These economies have been effected by the lower prices paid for articles of food, especially rice and wheat, and economy in management. The average price of rice per maund was Rs. 1-12-8 against Rs. 2-1-8 in 1886. Wheat in like manner fell from Rs. 3-15-8 per maund to Rs. 3-5-4. These are below the market rates, and have been got by such economical measures as storing grain at the cheapest season, husking rice and dall, buying cattle and goats and having the meat prepared on the jail premises. The following jails showed the most remarkable reductions in average diet expenditure:—

|              |     | 1887. |    |    | 1886. |    |    |
|--------------|-----|-------|----|----|-------|----|----|
|              |     | Rs.   | A. | P. | Rs.   | A. | P. |
| Bogra        | ... | 13    | 15 | 9  | 18    | 9  | 1  |
| Burdwan      | ... | 18    | 14 | 8  | 23    | 11 | 8  |
| Mozufferpore | ... | 18    | 4  | 9  | 23    | 1  | 9  |
| Furzedpore   | ... | 17    | 6  | 4  | 23    | 2  | 2  |
| Dacca        | ... | 22    | 11 | 6  | 29    | 7  | 0  |
| Monghyr      | ... | 13    | 10 | 6  | 20    | 1  | 4  |
| Hazaribagh   | ... | 17    | 2  | 7  | 24    | 10 | 9  |

The extraordinary reduction in Monghyr is due to "(1) an improvement in the method of cooking of Indian-corn, which made it possible to give this cheap grain all the year round; (2) by the growing of 47 maunds of Indian-corn on jail land; (3) purchase of paddy at the cheap season and husking it in the jail, which resulted in a saving of 9 annas a maund, as compared with bazar rates for rice; and (4) purchase of cereals in the interior of the district." These results are highly creditable to the jailor, who is reported to be most careful as regards the health of the prisoners. The least satisfactory results are given by Nuddea, Gya, and Shahabad. In the first named jail, the average expenditure on diet rose from Rs. 23-3-9 in 1886 to Rs. 23-4-8. In Gya the increase was from Rs. 23-9 to Rs. 23-10-7. In Shahabad the increase was from Rs. 18-8-8 to Rs. 19-2-2. The Inspector-General is unable to supply figures showing the amount of cereals produced from jail gardens and used for rations, as required in the Government of India's Resolution on the Jail Report for 1886. Superintendents have been directed to keep careful accounts for the current year. All the vegetables required for jail use were grown in the jails, except in the Khoolna Jail, where the garden was taken up for building purposes. The expenditure on bazar vegetables was only Rs. 17 against Rs. 178 in 1886 and Rs. 643 in 1885.

The following table gives very interesting results:—

|   | Number of deaths<br>per mille in<br>1887. | Number of deaths<br>per mille in<br>1886. |
|---|---|---|
| Jails where the cost of dieting decreased by Rs. 3 or more a head in 1887 as compared with 1886   | 31.27                                     | 37.16                                     |
| Jails where the cost of dieting decreased by less than Rs. 3 a head in 1887 as compared with 1886 | 37.90                                     | 29.78                                     |
| Jails where the cost of dieting increased in 1887 as compared with 1886                           | 36.90                                     | 39.75                                     |

These figures show that economy in dieting is not necessarily accompanied by any increase in sickness and mortality.



21. The total expenditure on establishment fell from Rs. 4,07,898 in 1886 to Rs. 4,00,611 in 1887, owing to the abolition of the warder reserve guard of the jails which have since been reduced to the status of intermediate jails. Hospital charges fell to Rs. 35,750 from Rs. 42,704 in 1886, while at the same time the average cost per head of sick shows a rise from Rs. 67-5-1 to Rs. 68-3-11. The average expenditure on clothing fell to Rs. 3-14-6 from Rs. 4-4-10. Dinagapore, Nuddea, Burdwan, Furreedpore, Mymensingh, Lohardugga and Singbhoom were the most expensive, the average expenditure varying from Rs. 8-4-8 at Dinagapore to Rs. 5-7-8 at Singbhoom. The Superintendents of these jails will be asked to exercise more control over this item of expenditure. Under contingencies there was a saving of Rs. 5,820 as compared with last year. The charges under the head of diet of defendants (which includes railway fare and subsistence allowance given to released prisoners) and transfer charges show an increase in consequence of the large number of prisoners released on the Jubilee day, and frequent transfer from district to central jails owing to the demand in central jails for prisoners. On potty constructions and repairs the expenditure fell from Rs. 22,831 to Rs. 22,548.

22. *Employment of prisoners and manufactures.*—The total average number of prisoners sentenced to labour fell from 13,339.53 in 1886 to 10,698.30 in 1887. The ratio per cent. of the daily average sick, 4.9, was lower than in any year since 1880, excepting 1886, when it was 4.8. The average number employed under all heads of prison service fell from 4,078.01 to 2,993.93. The number employed on manufactures was 4,925.29 against 5,971.72 in 1886. The proportion per cent. of convicts employed on manufactures to total number sentenced to labour was 46.03. The total profits on the year's workings came to Rs. 2,42,741, or an average profit of Rs. 22-11 per head sentenced to labour. The corresponding figures for 1886 were Rs. 3,10,099 and Rs. 28-4. The falling off is fully accounted for by the Jubilee remissions. In the Presidency Central Jail alone the profits fell from Rs. 91,557 in 1886 to Rs. 69,591-12, or an average of Rs. 61-6 per prisoner sentenced to labour against the previous year's average of Rs. 75-13. The lower earnings in this case were entirely due to the loss of skilled labour by the Jubilee remissions; this cause affected more or less the working throughout the Department.

The average earnings of each prisoner in central jails are shown in the following table:—

|                             | Average earning per prisoner, 1887. | Average earning per prisoner, 1886. |
|-----------------------------|-------------------------------------|-------------------------------------|
|                             | Rs.                                 | Rs.                                 |
| Presidency Central Jail ... | 58.3                                | 72.0                                |
| Alipore " ...               | 43.7                                | 35.4                                |
| Buxar " ...                 | 40.2                                | 47.6                                |
| Midnapore " ...             | 30.8                                | 18.4                                |
| Rajshahye " ...             | 21.2                                | 24.6                                |
| Dacca " ...                 | 3.0                                 | 2.4                                 |

The Marine, Telegraph, and Army Clothing Departments continued to indent on the Alipore Central Jail, and it supplied opium chest-covers to the value of Rs. 74,134 to the agencies of Benares and Behar. In Buxar the tent industry is rapidly extending. In Rajshahye the earnings were reduced by Rs. 4,377 owing to the settlement of a claim against the jail in respect of the refraction of the seed supplied in 1886-87. In Dacca Central Jail only 27.23 per cent. of the prisoners sentenced to labour were employed on manufactures—a lower figure than in any other Central Jail. The average profits, Rs. 3-3 per head, though very low, are higher than in any previous year since 1881, excepting 1884 and 1885. Till towards the end of 1884 most of the labourers were employed by the Public Works Department, and the efforts to develop a staple industry have not hitherto been very successful. A Commissariat order for *dhurra* has been obtained by the Jail. Special attention will doubtless be given by Dr. Lethbridge to this matter. The Bhagalpore Central Jail made a loss of Rs. 15,055 on its manufacturing operations. It lost in 1885 the Army contracts for woollen goods. The Inspector-General of Jails made an enquiry on the spot, and he is satisfied that all that is possible is being done to work the mill profitably. It is hoped that the Ordnance Department will be able to help with small orders, which will give a small profit until it again receives a portion of the Army contracts. Darjeeling again heads the list of district jails with an average earning of Rs. 87-8 as compared with Rs. 19-15, the figure for last year. The stock of manufactured articles is still somewhat large, but it is satisfactory to note that it has steadily diminished from Rs. 3,44,490 in

the close of 1884 to Rs. 2,76,416 at the close of 1887. The outstandings at the end of the year were very large, and it is unsatisfactory that they are showing a tendency to increase.

23. *Subsidiary Jails.*—A subsidiary jail was opened during the year at Thakurgaon in the Dinagepore district, bringing the total number up to 85. The average number of inspections by Superintendents was 70, and in 8 cases only were fewer inspections made. Atia, Kishoregunge, Kiasen-gunge, Serajgunge, Arrareah and Brahmaubariah were overcrowded. The special report promised by the Inspector-General, after having the capacity of the wards and enclosures re-measured, is awaited. The condition of warder guards attached to subsidiary jails continues to improve. There were only 17 escapes from subsidiary jails, the lowest number on record during the last 10 years. Of those who escaped, 7 were convicts and 10 under-trial prisoners. At Moonshigunge a convict escaped who had, by the order of the Deputy Superintendent, been taken out of the subsidiary jail, contrary to rules, to work in his dwelling-house. The Deputy Superintendent (a Civil Hospital Assistant) has been fined one month's pay, removed from the Jail Department, and transferred. The average detention of convicts rose to 8.05 days, the highest figure since 1880. At Palamow convicts sentenced to three months and under are detained in the subsidiary jail. The Inspector-General's proposal to establish an intermediate jail there is under the consideration of Government. Convicts were detained in the Bhola, Arrareah, Atia and Kishoregunge subsidiary jails owing to their being employed in building the enclosure walls under the Public Works Department. The average cost of each prisoner fell from Rs. 189-10-2 to Rs. 178-1-8. The average number of prisoners, however, rose from 271.41 in 1886 to 310.04 in 1887; so that the total expenditure increased from Rs. 1,33,643 to Rs. 1,36,854. This includes an increase of Rs. 1,805 in the amount spent by the Public Works Department. The average detention of under-trial prisoners was 13.48 days. In Jamui, Fenny, Nowgong, Satkhira and Oolooberiah the detention of under-trial prisoners exceeded 20.50 days. This matter will be dealt with in the Judicial Department.

24. *Vital Statistics.*—There was ample room during the past year in the Bengal jails for the convict population. In a few jails the number of under-trial prisoners exceeded the capacity of the under-trial wards, but in those cases the excess number was invariably removed to empty convict wards. The filtered water of the Bhagulpore water-works was introduced into the Bhagulpore Central Jail in August 1887. The health of the prisoners in the Midnapore Central Jail has much improved since river water has been used all the year round for drinking purposes. Filtered water from the Calcutta supply will shortly be introduced into the Presidency Jail. The rules regulating labour and the weight test have been strictly carried out. The dry-earth system is in force in every jail, and Dr. Warden, by an examination of the soils from different parts of the Presidency Jail garden, has shown that the growing of a rapid succession of crops completely removes all trace of chemical products likely to prove dangerous to health.

25. The sickness and mortality of convicts and under-trial prisoners in all classes of jails for the last ten years is compared in the following statement:—

| Year.   | Daily average number of prisoners. | Daily average sick. | Ratio per mille of daily average sick. | NUMBER OF DEATHS. |                        |                         | DEATH-RATES PER MILE OF AVERAGE STRENGTH. |                        |                  |
|---------|------------------------------------|---------------------|--|-------------------|------------------------|-------------------------|---|------------------------|------------------|
|         |                                    |                     |  | From cholera.     | From all other causes. | Total number of deaths. | From cholera.                             | From all other causes. | From all causes. |
| 1878    | 28,871                             | 809                 | 28.1                                   | 210               | 1,479                  | 1,689                   | 11.5                                      | 50.8                   | 62.3             |
| 1879    | 28,453                             | 947                 | 33.3                                   | 242               | 1,411                  | 1,653                   | 13.4                                      | 49.4                   | 62.8             |
| 1880    | 27,240                             | 851                 | 31.2                                   | 31                | 1,100                  | 1,131                   | 1.7                                       | 40.8                   | 42.5             |
| 1881    | 28,260                             | 870                 | 30.8                                   | 55                | 1,016                  | 1,071                   | 5.1                                       | 36.4                   | 41.5             |
| 1882    | 28,000                             | 830                 | 29.7                                   | 151               | 835                    | 986                     | 9.3                                       | 29.8                   | 39.1             |
| 1883    | 24,770                             | 730                 | 29.5                                   | 51                | 701                    | 752                     | 4.1                                       | 28.4                   | 32.5             |
| 1884    | 24,500                             | 754                 | 30.8                                   | 60                | 671                    | 731                     | 4.5                                       | 27.8                   | 32.3             |
| 1885    | 26,520                             | 773                 | 29.1                                   | 207               | 730                    | 937                     | 10.6                                      | 27.7                   | 38.3             |
| 1886    | 24,570                             | 840                 | 34.2                                   | 60                | 640                    | 700                     | 2.7                                       | 26.5                   | 29.2             |
| 1887    | 28,037                             | 830                 | 29.7                                   | 30                | 670                    | 700                     | 1.7                                       | 24.4                   | 26.1             |
| Total   | 2,32,514                           | 7,200               | 30.9                                   | 1,208             | 8,519                  | 9,727                   | 7.3                                       | 43.7                   | 51.0             |
| Average | 24,001                             | 721                 | 29.8                                   | 115               | 651                    | 766                     | 7.3                                       | 43.7                   | 51.0             |

The death-rate from all causes is the smallest on record, while the death-rate from cholera is lower than in any year since 1880. Khoolna,

Chumparun and Maldah show the largest proportion of admissions into hospital per mille of average strength. Khoolna is practically a hospital, only the sick and feeble being retained there, while healthy prisoners are passed on to Jessore. The Chumparun Jail is said to be on an unhealthy site; the warders, and jail subordinates suffered severely. That the mortality did not exceed 38.5 per mille is to Dr. Rivill's credit. All the drinking and cooking water is carted from the river, six and a half miles away. In Maldah, also, there was much malarious fever, and the warder guard suffered as well as the prisoners, two of them dying. In Lohardugga there were 11 deaths among convicts, giving an annual death-rate of 98.8 per mille. It is reported by the Medical Officer that fully 45 per cent. of those admitted during 1887 were in bad health, and all more or less showed signs of scurvy. None of the prisoners who had passed any length of time in jail were attacked with it.

The following table gives the rates of admissions to hospital and deaths per mille from dysentery and diarrhoea for the years 1883 to 1887:—

|      |     |     | Rate of admission<br>per mille. | Rate of death<br>per mille. |
|------|-----|-----|---------------------------------|-----------------------------|
| 1883 | ... | ... | 499.5                           | 21.8                        |
| 1884 | ... | ... | 515.5                           | 19.7                        |
| 1885 | ... | ... | 564.3                           | 23.1                        |
| 1886 | ... | ... | 444.4                           | 14.1                        |
| 1887 | ... | ... | 429.3                           | 12.6                        |

These are diseases considered to be preventible, and the table shows that they were combated with increased success in 1887. The number of deaths from anæmia and general debility show a remarkable falling off; and as the number of admissions into hospital under this head has not diminished proportionately, there appears to be no doubt that this is due; as suggested by the Inspector-General, to the working of the weight test and the stringent rules for the segregation and treatment of all these cases in their earliest stages. The following table gives figures from 1883:—

|      |     |     | Admissions into hospital. | Deaths. |
|------|-----|-----|---------------------------|---------|
| 1883 | ... | ... | 798                       | 62      |
| 1884 | ... | ... | 693                       | 70      |
| 1885 | ... | ... | 694                       | 74      |
| 1886 | ... | ... | 565                       | 47      |
| 1887 | ... | ... | 559                       | 24      |

The number of admissions and deaths from respiratory diseases diminished. Cerebro-spinal fever continued in the Alipore Jail, notwithstanding that all the recommendations of the Medical Committee on the subject were carried out. There was no overcrowding last year, and arrangements were made by which better ventilation was provided in the wards and workshops. The disease appears to be hardly amenable to treatment. There were 13 cases and 8 deaths in 1887 against 18 cases and 10 deaths in 1886. There were only 18 deaths from cholera, the largest number occurring at Rungpore Jail, at a time when it was very prevalent in the district.

26. The total number of deaths among convicts was 363, or 33.2 per mille, against 38.2 per mille in 1886. Of this number, 354 died in jail, of whom only 95, or 26.83 per cent., were received in good health, 148, or 41.51, in indifferent health, and 111, or 31.36, in bad health. 179 men died within six months of their admission to jail. The following are some of the precautions taken in regard to prisoners admitted into jail in indifferent health. Special gangs are formed, watched by all the jail authorities; tonics are administered; very light work, if any, is given; there is a special diet and mid-day rest of two hours; oil is also allowed to anoint their bodies. The following statement shows the extent to which prisoners discharged from jails in 1887 improved in health during their residence in jail:—

|  | 1   |              |       |        | 2   |              |       |        |
|--|---|--------------|-------|--------|---|--------------|-------|--------|
|  | State of health on admission of those who were discharged from jail, as per column 2. |              |       |        | State of health on discharge of those who were discharged from jail, as per column 2. |              |       |        |
|  | Good.   | Indifferent. | Bad.  | Total. | Good.   | Indifferent. | Bad.  | Total. |
| In 1887  | 33,090  | 7,579        | 2,300 | 42,969 | 35,400  | 6,511        | 1,000 | 42,911 |
| Ratio per cent. to total number discharged from the jail | 80.07   | 23.86        | 7.17  | 100.00 | 74.00   | 25.10        | 2.90  | 100.00 |

27. The death-rate for 1887 shown in the report has to some extent been affected by the Jubilee remissions. During January, September, October, November and December 1887, the average convict jail population was 11,711, and there were 209 deaths, giving an annual death-rate per mille of 42·8. The average convict jail population during the other seven months of the year came to 9,843, and there were 145 deaths, giving an annual death-rate per mille of 25·2. The death-rate, however, is very satisfactory compared with previous years. This is in some measure attributable to the fact that fever has not of late been so prevalent in a very fatal form as was the case some years ago, and that the general health of the population has appreciably improved. It is still, however, considerably higher than in some other provinces. The report shows clearly the strenuous efforts made to improve the health of the prisoners confined in Bengal Jails, and the marked success which has crowned these measures. Where deaths were due to diseases in any measure preventable and amenable to treatment, either the number of cases diminished, or the virulence of the disease was checked. Thus, though cases of intermittent fever increased, the rate of deaths to admissions into hospital fell from 6·7 in 1886 to 4·7 per cent. Another test of the efforts made and their success is given by the weighment results. In 1886 (the figures for 1887 are not available), of the prisoners discharged from the North-West Provinces Jails, 6,792 neither gained nor lost weight; 21,558 gained and 13,275 lost weight. In 1887 in Bengal 10,120 of those discharged had neither gained nor lost weight; 16,844 had gained and 6,461 had lost weight. In other words, in Bengal, 19·3 per cent. only lost weight against 31·8 per cent. in the North-West. Again, in Bengal, only 2·88 per cent. lost over five pounds, while the percentage in the North-West was 7·21. No measures, however, whatever room there may still be for improvement, appear to be capable of bringing the mortality of the Bengal Jails down to the standard of the North-West. While in Bengal Jails in 1887 no less than 54 deaths out of 399 were due to fever, and in 1886, 92 deaths out of 543; in the North-West Jails in 1886, only 32 deaths out of 463 were due to that cause, one proof among others that, unhealthy as parts of the North-West Provinces may be, the proportion of the population with constitutions broken down by repeated attacks of malarious fever is much smaller than in Bengal. Great credit is due to Dr. Lethbridge for what he has already done, and no doubt even better results will be obtained in the future, as the Superintendents of Jails learn thoroughly to make use of all the precautions prescribed by him in order that illness may be discovered and combated on its first showing itself.

28. *Inspection.*—Dr. Lethbridge visited 36 central and district jails; also 8 subsidiary jails. The official visitors continued to visit the jails regularly. A number of non-officials have lately been added to the list of visitors.

29. The Lieutenant-Governor is glad to observe that the Inspector-General is able to report favourably on the work of almost all his officers. His special commendation of certain officers will be noted in the Appointment Department. Dr. Lethbridge has again earned the thanks of Government for the ability and good judgment he has shown in the administration of a difficult and important department.

By order of the Lieutenant-Governor of Bengal,

J. WAKE EDGAR,

*Chief Secretary to the Govt. of Bengal.*

**REPORT ON THE WORKING OF THE LICENSED WAREHOUSE AND  
FIRE-BRIGADE ACT, 1883, IN THE TOWN OF CALCUTTA DURING  
THE YEAR 1887-88.**

*The 25th June 1888.*—The following report is published for general information.

COLMAN MACAULAY,  
*Secretary to the Govt. of Bengal.*

No. 19, dated Calcutta, the 21st June 1888.

From—The Hon'ble SIR HENRY HARRISON, Kt., Chairman of the Corporation of the Town of Calcutta,

To—The Secretary to the Government of Bengal, Municipal Department.

I HAVE the honor to submit the following report, under section 30 of Act IV (B.C.) of 1883, of the jute screw and warehouses in the Town of Calcutta for the year ended 31st March 1888.

2. At the close of last year there were 69 sanctioned warehouses on the register within the limits of the Town. Four new licenses were issued during the year. These make up the total number of warehouses to 73. Of these, the licenses of three warehouses were cancelled during the year for default of payment of license fee, &c.; thus reducing the number at the end of the year to 70, of which a complete list, arranged according to the Acts under which they were originally licensed, is appended to this report.

3. Five applications were received during the year for licensing existing godowns for storage of jute. Of these, two have been sanctioned and three are under consideration.

4. Of the two applications which were mentioned in the last year's report as under consideration, the license for No. 135, Durmahatta Street, was sanctioned, and the application for No. 13-5, Hurro Chunder Mullick's Street, was refused by the Commissioners. The license for No. 58, Nimtollah Ghat Street, has been taken this year under sanction granted in 1886-87.

5. The total of license fees realised during the year from the 70 warehouses mentioned above amounted to Rs. 21,450, or Rs. 200 in excess of last year.

6. No case of fire in any jute godown occurred during the year under report. There was only one prosecution at the Police. The licensee of No. 14, Hurro Chunder Mullick's Street, was prosecuted for a breach of one of the conditions of his license and fined Rs. 25 on the 3rd April 1888.

7. The annexed statement will show the receipts and disbursements of Jute Warehouse Fund during 1887-88.

*Abstract account of receipts and disbursements of the Jute Warehouse Fund for the year 1887-88 ending 31st March 1888.* Cr.

| RECEIPTS.                                   | Rs.    | A. | P. | Rs.    | A. | P. | DISBURSEMENTS.  | Rs.    | A. | P. | Rs.    | A. | P. |
|---|--------|----|----|--------|----|----|---|--------|----|----|--------|----|----|
| Licenses for jute warehouses                | 21,450 | 0  | 0  |        |    |    | 20 per cent. of the amount of receipts transferred for establishment, &c. | 4,290  | 3  | 3  |        |    |    |
| Miscellaneous receipts                      | 16     | 0  | 0  | 21,466 | 0  | 0  | 50 per cent. paid to the Commissioner of Police for Fire Brigade.         | 17,172 | 0  | 0  | 21,466 | 0  | 0  |
| Balance in Bank of Bengal on 1st April 1887 |        |    |    | 100    | 0  | 0  | Balance in the Bank of Bengal on 31st March 1888 on account of deposits   |        |    |    | 100    | 0  | 0  |
| Total                                       |        |    |    | 21,566 | 0  | 0  | Total   |        |    |    | 21,566 | 0  | 0  |
| 50 per cent. of amount of receipts during   |        |    |    | 4,290  | 3  | 3  | Jute warehouse inspection establishment                                   | 3,200  | 0  | 0  |        |    |    |
|   |        |    |    |        |    |    | Ditto contingencies   | 172    | 1  | 0  | 3,740  | 0  | 0  |
| Total                                       |        |    |    | 4,290  | 3  | 3  | Surplus to be transferred to general fund                                 |        |    |    | 552    | 10 | 0  |
|   |        |    |    |        |    |    | Total   |        |    |    | 4,292  | 3  | 0  |

\* Of this Rs. 200 was paid on the 3rd of April 1888.

*Complete list of the Jute Warehouses licensed in the Town of Calcutta for the  
year 1887-88.*

| No.   | Name of street and number of premises.                    | Name of License-holders.                  | Annual assessment. | Annual licence fee. |
|---|---|---|--------------------|---------------------|
| LICENSED UNDER SECTIONS 4 - 6, ACT II (B.C.) OF 1872.       |   |   |                    |                     |
|   |   |   | Rs.                | Rs.                 |
| 1   | Aheerestollah Street                                      | Korim Chand                               | 1,200              | 200                 |
| 2   | 169, do.  | Kissen Chand Bhoom Sing                   | 3,000              | 300                 |
| 3   | 170, do.  | Radhamoy, Sreenath Day Chowdhury, &c.     | 1,368              | 200                 |
| 4   | 172, do.  | Sristydhur Day                            | 1,200              | 200                 |
| 5   | 87 to 87-53, Durmahatta Street                            | Goopie Kissen, Agent                      | 9,000              | 900                 |
| 6   | 195, do.  | Sreedhur Mondul                           | 4-0                | 50                  |
| 7   | 138-39, do.   | Do.                                       | 300                | 50                  |
| 8   | 7 Doorga Churn Mookerjee's Street.                        | Peary Mohan Biswas                        | 300                | 50                  |
| 9   | 4, Hurro Chunder Mullick's St.                            | Prohlad Chundra Shaw                      | 800                | 100                 |
| 10  | 6, do.  | Juggeshur Halder                          | 1,200              | 200                 |
| 11  | 14, do.   | Gobin Chundra Dutt                        | 1,800              | 200                 |
| 12  | 23, do.   | Juggatmohun Shaw                          | 900                | 100                 |
| 13  | 25, do.   | Prohlad Chundra Shaw                      | 1,200              | 200                 |
| 14  | 27, do.   | Chunder Seekur, Radhica Lall Shaw.        | 600                | 100                 |
| 15  | 28, do.   | Benode Behary Khan                        | 720                | 100                 |
| 16  | 28, Jorabagan Street                                      | Rameshur Aitch                            | 984                | 100                 |
| 17  | 31 to 31-4, Manick Bose's Ghat Street.                    | Sreemotee Nobinkissoree Dassee            | 900                | 100                 |
| 18  | 8, Nayan Soor's Ghat Lane                                 | Goroogobind Shaw & others                 | 1,300              | 200                 |
| 19  | 56, Strand Road   | Chumroo Sing                              | 1,680              | 200                 |
| 20  | 57, do.   | Judomath Shaw Chowdhury                   | 1,740              | 200                 |
| 21  | 6, Sobha Bazar Street                                     | Barnachurn Ghose                          | 900                | 100                 |
| 22  | 7, do.  | Chandra Seekur Sreekanto Shaw Paramanick. | 900                | 100                 |
| 23  | 12, do.   | Parbutty Churn Soor                       | 600                | 100                 |
| 24  | 67, do.   | Doekhiram Dass                            | 780                | 100                 |
| 25  | 71-1, do.   | Dano Nath Shaw                            | 720                | 100                 |
| 26  | 78, do.   | Muthoora Kunto Shaw                       | 3,300              | 400                 |
| 27  | 91-92, do.  | Sreedhur Mondul                           | 1,500              | 200                 |
| 28  | 98-2, do.   | Juggabundhoo Sarat Chunder Shaw.          | 3,000              | 300                 |
| LICENSED UNDER SECTION 7, ACT II (B.C.) OF 1872.            |   |   |                    |                     |
| 29  | 20, Bonomally Sircar's Street...                          | Dinobundhoo Nandy & others                | 420                | 50                  |
| 30  | 206, Chitpore Road  | Kany Lall Khan                            | 2,400              | 300                 |
| 31  | 247-48, do  | Messrs. Finlay, Muir & Co.                | 21,000             | 2,000               |
| 32  | 16, Hurro Chundra Mullick's L.                            | Moharaj Anando Mohun Shaw                 | 900                | 100                 |
| 33  | 26-27, Jorabagan Street                                   | Peary Mohun Dutt                          | 1,476              | 200                 |
| 34  | 67-27-H-I-A, Strand Road                                  | Secretary, I. G. S. N. Co., Ltd           | 3,078              | 400                 |
| 35  | 3 to 3-3, Sobha Bazar Street                              | Lolit Mohun Shaw & others                 | 7,920              | 800                 |
| 36  | 10, do.   | Radhanath Laljee Mohun Shaw               | 2,800              | 300                 |
| 37  | 95-96, do.  | Juggat Mohun Shaw                         | 2,400              | 300                 |
| 38  | 98, do.   | Sittanath Shaw Chowdhury                  | 3,000              | 300                 |
| LICENSED UNDER ACT II OF 1872 AS AMENDED BY ACT II OF 1875. |   |   |                    |                     |
| 39  | 144, Durmahatta Street                                    | Secretary to the Port Commrs.             | 4,800              | 500                 |
| 40  | { 45, Durgachurn Mookerjee's St., & 202-1, Chitpore Road. | } Issur Chunder Mitter                    | 1,800              | 200                 |



| No. | Name of street and number of premises. | Name of License-holders.               | Annual assessment. | Annual license fee. |
|-----|--|--|--------------------|---------------------|
|     |  |  | Rs.                | Rs.                 |
| 41  | 24, Hurro Chunder Mullick's L.         | Khotter Mohun Biswas                   | 300                | 50                  |
| 42  | 36, Manick Bose's Ghat Street          | Sreemutty Karmine Dassee               | 3,000              | 300                 |
| 43  | 7, Noyan Soor's Ghat Lane              | Shumbheonath and Gobindnath Chowdhury. | 1,000              | 100                 |
| 44  | 67-2 & 67-31-II-1, Strand Road         | Messrs. Stanley & Co.                  | 28,236             | 2,600               |
| 45  | 67-27-II-1-B, do.                      | Secretary, I. G. S. N. Co., Ltd.       | 3,078              | 400                 |
| 46  | 100, Sobha Bazar Street                | Sreedhur Shama Das Mondul              | 1,500              | 200                 |

LICENSED UNDER SECTION 6, ACT V (B.C.) OF 1879.

|    |                                 |  |        |       |
|----|---------------------------------|--|--------|-------|
| 47 | 76-2, 80 & 80-1, Durmahatta St. | Behary Lal Pyne                              | 3,300  | 400   |
| 48 | 143 & 143 1, do.                | Goorooobind Shaw                             | 9,000  | 900   |
| 49 | 202, do.                        | Gobind Chand Dutt and another                | 4,000  | 400   |
| 50 | 5, George Churn Mookerjee's St. | Adhar Chunder Shaw                           | 1,380  | 200   |
| 51 | 6, do.                          | Dayal Chand Shaw                             | 1,372  | 200   |
| 52 | 5, Hurro Chunder Mullick's St.  | Juggobandhoo Soshoo Mohun Shaw Pramanick.    | 1,440  | 200   |
| 53 | 16, do.                         | Gooroo Churn Shaw                            | 000    | 100   |
| 54 | 9, Noyan Soor's Ghat Lane       | Nabin Chunder Coondoo                        | 1,200  | 200   |
| 55 | 46, Manick Bose's Ghat Street   | Nittamund Shaw                               | 2,160  | 300   |
| 56 | 1, Noyan Soor's Ghat Lane       | Sabehry Secondary Dassee                     | 840    | 100   |
| 57 | 62, Nimitollah Ghat Street      | Managing Agent, India Pressing Company, Ltd. | 12,000 | 1,200 |
| 58 | 5, Sobha Bazar Street           | Bissumdhur Mullick                           | 2,500  | 300   |
| 59 | 90, do.                         | Debnath Shaw and others                      | 2,400  | 300   |

LICENSED UNDER SECTION 6, ACT IV. (B.C.) OF 1883.

|    |   |  |       |     |
|----|---|--|-------|-----|
| 60 | 13-6, Hurro Chunder Mullick's St.                                       | Bissonath Luchmoenath Pramanick.             | 960   | 100 |
| 61 | 82, Nimitollah Ghat Street  | Judeonath Shaw Chowdhury                     | 2,400 | 300 |
| 62 | 67-9, Strand Road   | Messrs. Macneill and Co.                     | 6 600 | 700 |
| 63 | 5, Ahcreeetollah Street   | Ram Lal Ghose                                | 1,800 | 200 |
| 64 | 28-1, Sobha Bazar Street  | Juggobandhoo, Sarat Chunder Shaw Chowdhury.  | 900   | 100 |
| 65 | 11, Hurro Chunder Mullick's St.   | Dwarkan Nath Shaw                            | 1,320 | 200 |
| 66 | 44, Manick Bose's Ghat Street   | Debendro Deb Dass                            | 1,680 | 200 |
| 67 | 135, Durmahatta Street  | Bhian Churn Soroop Chunder Roy               | 3,600 | 400 |
| 68 | 58, Nimitollah Ghat Street  | Managing Agent, India Pressing Company, Ltd. | 5,400 | 600 |
| 69 | 178 to 178-4, Upper Chitpore Road, and 2 to 2-2, Ramkanto Bose's Street | Messrs. Finlay, Muir & Co.                   | 4,800 | 500 |
| 70 | 67-9-II-1, Strand Road  | Managing Agent, I. G. S. N. Co., Ltd.        | 4,452 | 500 |

## Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the crops in the different districts of Bengal, as reported to Government during the week ending the 23rd June 1888.

| No.                | District and date of return. | Rainfall at Sadar Station in inches. | Character of the weather and state and prospects of the crops.  |  |          |       |          |       |
|--------------------|------------------------------|--------------------------------------|---|--|----------|-------|----------|-------|
| BENGAL.            |                              |                                      |   |  |          |       |          |       |
| Western Districts. |                              |                                      |   |  |          |       |          |       |
| BARRACKS DIV.      | 1 Burdwan June 23, '88       | Nil                                  | Weather—bazy, though cloudless; hot, with strong south wind. Jute and early rice seedlings withering. Later sowings stopped. Common rice still 22 seers per rupee.  |  |          |       |          |       |
|                    | Calcutta .. ..               | Nil                                  |   |  |          |       |          |       |
|                    | Cuttack .. ..                | Nil                                  |   |  |          |       |          |       |
|                    | Ranevgunge .. ..             | 0.01                                 |   |  |          |       |          |       |
|                    | 2 Bankura .. 23, '88         | .....                                |   |  |          |       |          |       |
| BARRACKS DIV.      | 3 Birbhum .. 23, '88         | 0.81                                 | Weather—sultry. The rainfall of last evening (22nd) has cooled the weather, and may save the rice seedlings that were dying for want of rain. More rain is wanted; the sky is overcast and promises a heavy shower. No appreciable change in the rice market.         |  |          |       |          |       |
|                    | Rampur Hant .. ..            | 0.24                                 |   |  |          |       |          |       |
|                    | 4 Midnapur .. 23, '88        | Nil                                  |   |  |          |       |          |       |
|                    | 5 Hugli .. 23, '88           | 0.10                                 |   | Weather—very hot, till 21st; now cloudy. Outturn of <i>amrao</i> good. Rain urgently wanted for paddy seedlings and sugarcane, both of which are withering. Transplantation has not been possible. |          |       |          |       |
|                    |                              | Serampur .. ..                       |   |  | 0.83     |       |          |       |
| Jharkhand .. ..    |                              | Nil                                  |   |  |          |       |          |       |
| BARRACKS DIV.      | Howrah .. 25, '88            | 1.11                                 | Weather—very slightly cooler towards end of week; wind gone round to south. Rain wanted for seedlings, which are being dried up. Little water in canal for irrigation.  |  |          |       |          |       |
|                    | Coochberia .. ..             | 0.50                                 |   |  |          |       |          |       |
| Central Districts. |                              |                                      |   |  |          |       |          |       |
| BARRACKS DIV.      | 6 24-Pergha. June 26, '88    | 0.72                                 | Weather—abnormally hot and close. Rain wanted. Sowing still continued.  |  |          |       |          |       |
|                    | 7 Nuddea .. 23, '88          | 0.07                                 |   |  |          |       |          |       |
|                    | Koondia .. ..                | Nil                                  |   |  |          |       |          |       |
|                    | Mohurpur .. ..               | Nil                                  |   |  |          |       |          |       |
|                    | Choudanga .. ..              | Nil                                  |   |  |          |       |          |       |
| BARRACKS DIV.      | 8 Khoulia .. 23, '88         | 0.61                                 | Weather—oppressively hot; on Friday (22nd) night a storm cooled the air temporarily. Young <i>aus</i> suffering in Henghat for want of rain. Ploughing for <i>aman</i> crop retarded.   |  |          |       |          |       |
|                    | 9 Jessore .. 23, '88         | 0.10                                 |   | Weather—intensely hot throughout the week. Rain much wanted for paddy and other crops. <i>Zil</i> harvesting still continues.  |          |       |          |       |
|                    |                              | Magura .. ..                         |   |  | 0.32     |       |          |       |
|                    |                              | Bahag .. ..                          |   |  | 0.47     |       |          |       |
|                    | 10 Moorshedabad .. 23, '88   | Nil                                  |   |  |          |       |          |       |
| BARRACKS DIV.      | 11 Dinagpur June 23, '88     | 2.85                                 | Rainfall not general; weather unusually hot; cloudy for last two days. Weeding of <i>chandi</i> and jute in progress. These crops doing well. Lands under preparation for <i>kabuni</i> . The absence of rain will not affect prospects injuriously if it falls soon. |  |          |       |          |       |
|                    | Thakurgaon .. ..             | 0.29                                 |   |  |          |       |          |       |
|                    | 12 Rajshahi .. 23, '88       | Nil                                  |   |  |          |       |          |       |
|                    | Natore .. ..                 | Nil                                  |   |  |          |       |          |       |
|                    | Nawab .. ..                  | Nil                                  |   |  |          |       |          |       |
| BARRACKS DIV.      | 13 Rangpur .. 23, '88        | 3.30                                 | Prospects of crops continue good, sufficient rain having fallen. <i>Aus dhana</i> is being reaped and <i>aman</i> planted.  |  |          |       |          |       |
|                    | Kurigram .. ..               | 4.24                                 |   |  |          |       |          |       |
|                    | Niphomari .. ..              | 2.48                                 |   |  |          |       |          |       |
|                    | Gaibanda .. ..               | 1.41                                 |   |  |          |       |          |       |
|                    | 14 Bogra .. 23, '88          | 0.43                                 |   |  |          |       |          |       |
| BARRACKS DIV.      | 15 Shepur .. ..              | Nil                                  | Weather—sultry. Rain wanted, especially in the west of the district.  |  |          |       |          |       |
|                    | Nowkhilla .. ..              | 0.99                                 |   |  |          |       |          |       |
|                    | 16 Pubna .. 23, '88          | 0.16                                 |   | Weather—extremely hot. Prospects of crops good.  |          |       |          |       |
|                    | Sorajunga .. ..              | 0.06                                 |   |  |          |       |          |       |
|                    | 17 Darjeeling .. 23, '88     | 0.74                                 |   |  |          |       |          |       |
| BARRACKS DIV.      | 18 Julpigree .. 23, '88      | 3.77                                 | Weather—unusually warm. Crops flourishing on the whole, but rain wanted for Indian corn and tea.  |  |          |       |          |       |
|                    | 19 .. ..                     | .....                                |   | Weather—very hot and sultry. Prospects of crops generally good. Lands are being prepared for winter crops. Common rice sells at 21 seers per rupee.  |          |       |          |       |
|                    |                              |                                      |   |  | 20 .. .. | ..... |          |       |
|                    |                              |                                      |   |  |          |       | 21 .. .. | ..... |
|                    |                              |                                      |   |  |          |       |          |       |
| Eastern Districts. |                              |                                      |   |  |          |       |          |       |
| DACA DIVISION      | 23 Dacca .. 23, '88          | 0.56                                 | Weather—very hot. Prospects of crops good. Jute and rice plants thriving. <i>Zil</i> nearly cut, and <i>aus</i> paddy in low lands being harvested.   |  |          |       |          |       |
|                    | Manickganj .. ..             | Nil                                  |   |  |          |       |          |       |
|                    | Munshiganj .. ..             | 0.5                                  |   |  |          |       |          |       |
|                    | 24 Faridpur .. 23, '88       | 0.14                                 |   |  |          |       |          |       |
|                    | 25 .. ..                     | 0.26                                 |   |  |          |       |          |       |
| DACA DIVISION      | 26 Backergunge .. 21, '88    | Nil                                  | Weather—very hot. Prospects of crops good, but rain is wanted.  |  |          |       |          |       |
|                    | 27 Mymensingh .. 22, '88     | 0.78                                 |   |  |          |       |          |       |
|                    | 28 Jamalpur .. ..            | 4.58                                 |   |  |          |       |          |       |
|                    | 29 Kishoreganj .. ..         | 3.41                                 |   |  |          |       |          |       |
|                    | 30 Atia .. ..                | 1.30                                 |   |  |          |       |          |       |
| DACA DIVISION      | 31 Netrakona .. ..           | 4.73                                 | Weather—very hot. Prospects of crops good.  |  |          |       |          |       |
|                    | 32 .. ..                     | .....                                |   |  |          |       |          |       |



| No.                                 | District and date of return.        | Rainfall at Sadler Station in inches. | Character of the weather and state and prospects of the crops.   |
|-------------------------------------|-------------------------------------|---------------------------------------|--|
| <b>BENGAL—concluded.</b>            |                                     |                                       |  |
| <b>Eastern Districts—concluded.</b> |                                     |                                       |  |
| CHITTAGONG DIV.                     | 22 Chittagong June 26, '88          | 0.16                                  | Weather—hot. Rain much wanted. Prospects of crops fair. Prices unchanged.  |
|                                     | 23 Nookhally „ 22, '88              | 0.04                                  | Weather—very hot and close. <i>Amra</i> plants and <i>amra</i> seedlings suffering from want of rain.  |
|                                     | 24 Fenny „ „                        | 0.25                                  | Weather—hot and reasonable, but generally at this time of the year there is more rain. The crops are coming on; and if rain falls soon and in sufficient quantity, as is usual at this time of the year, all will be well.   |
|                                     | 25 Tipperah „ 21, '88               | 0.60                                  | Weather—hot and cloudy throughout the week, except the last day of the week, which was rainy. <i>Jam</i> crops are thriving well. Sugarcane plants are also doing well.  |
|                                     | 25 Chittagong Hill Tracts „ 19, '88 | 1.92                                  | Weather—hot. Cultivation of lands for late rice continues. Prospects of sugarcane fair. <i>Jam</i> cultivation over.   |
| <b>BHAR.</b>                        |                                     |                                       |  |
| PATNA DIV.                          | 26 Patna June 23, '88               | Nil                                   | Weather—very hot and sultry. <i>Bhadai</i> sowings stopped for want of rain. <i>Makai</i> plants withering. <i>Chesna</i> doing well.  |
|                                     | 27 Gaya „ 23, '88                   | Nil                                   | Weather—intolerably hot. <i>Bhadai</i> and paddy being sown. Sugarcane being irrigated.  |
|                                     | 28 Shahabad „ 23, '88               | Nil                                   | Weather—exceedingly hot and sultry. Rain is much wanted for <i>Bhadai</i> sowings. Sugarcane and <i>chesna</i> promise well.   |
|                                     | 29 Darbhanga „ 23, '88              | 0.27                                  | Weather—hot. Rain is urgently required for the rice, <i>Bhadai</i> , and indigo crops. Agricultural operations are almost at a standstill. Price of common rice averages 19 seers per rupee.   |
|                                     | 30 Mozufferpur „ 23, '88            | Nil                                   | Weather—very hot. <i>Bhadai</i> sowings continue, but progress slowly for want of rain. Rain urgently wanted.  |
| DHAKA DIV.                          | 31 Sarun „ 23, '88                  | Nil                                   | Weather—hot and close; occasionally cloudy, but no rain. Sugarcane doing well. Rain much wanted for indigo, paddy seedlings, <i>makai</i> , and <i>marua</i> transplantation.  |
|                                     | 32 Champaran „ 23, '88              | 0.54                                  | Weather—very hot, close and occasionally cloudy. Transplantation of <i>marua</i> has begun, but more rain is needed. <i>Makai</i> of indigo commenced.   |
|                                     | 33 Moulvihar „ 23, '88              | Nil                                   | Weather—very hot and sultry; east wind blowing for the last two days of the week. Rain very urgently wanted everywhere. If it does not rain soon, the young seed-plants will die completely.   |
|                                     | 34 Bhagalpur „ 23, '88              | Nil                                   | Weather—abnormally hot and oppressive. The continued drought is seriously affecting the <i>Bhadai</i> crops of all kinds and delays completion of sowing. <i>Makai</i> seedlings too are withering.  |
|                                     | 35 Purneah „ 23, '88                | 0.03                                  | Weather—hot, cloudy, indications of rain. Rain has fallen locally. All crops doing well. Rain needed.  |
| MADHIAH DIV.                        | 36 Bishnengunge „ „                 | Nil                                   | Weather—excessively hot during early part of week; last two days cooler; sky overcast. <i>Bhadai</i> crops and <i>amra</i> seedlings have begun to suffer for want of rain. In several places these have been injured more or less by the scorching heat. Common rice selling at an average of 24 seers per rupee. |
|                                     | 36 Arrah „ 23, '88                  | Nil                                   | No rain, except one or two local showers. The drought does much damage to rice and <i>junera</i> seedlings.  |
|                                     | 37 Southal Pargha „ 23, '88         | Nil                                   |  |
|                                     | 37 Gonda „ „                        | Nil                                   |  |
|                                     | 37 Rajmahal „ „                     | Nil                                   |  |
| <b>ORISSA.</b>                      |                                     |                                       |  |
| ORISSA DIV.                         | 38 Cuttack June 22, '88             | 0.26                                  | Weather—very hot. Paddy plants are coming out, but require rain. Price of rice rising high.  |
|                                     | 39 Poonch „ 21, '88                 | 0.80                                  | Weather—sultry. Rain much wanted. Sowing of winter rice going on. Early rice promising. <i>Dalua</i> rice is being harvested. Common rice sells at 22 seers 3 chittacks (Calcutta weight) per rupee in the Sata sub-division and 20 seers 7 chittacks in the Khorda sub-division.                                  |
|                                     | 40 Balasore „ 22, '88               | Nil                                   | Weather—extraordinarily hot. Sowings stopped for want of rain. Rice seedlings suffering much from same cause.  |
| <b>CHOTA NAGPORE.</b>               |                                     |                                       |  |
| <i>South-West Frontier Agency.</i>  |                                     |                                       |  |
| CHOTA NAGPORE DIV.                  | 41 Hazaribagh June 22, '88          | Nil                                   | Weather—intensely hot and dry. Paddy seedlings withering for want of rain. Scarcity of fodder and water beginning to be severely felt in parts of the district. Sugarcane requires rain. Prices rising.  |
|                                     | 42 Lohardugga „ 23, '88             | 0.05                                  | Weather—very hot and hazy. Rain urgently wanted. Water-supply is growing scanty throughout the district. Seedlings withering. Prospects of crops gloomy. Cattle suffering for want of pasture.   |
|                                     | 43 Palanow „ „                      | Nil                                   | Weather—intense heat, cloudy in day (22nd). <i>Dalua</i> that had germinated and also Indian corn have suffered greatly for want of rain.  |
|                                     | 44 Singhbhum „ 23, '88              | Nil                                   | Weather—intensely hot. The seedlings are every where withering for want of rain. Great scarcity of water in all parts of the district, and considerable distress in consequence.   |
|                                     | 45 Manbhum „ 23, '88                | Nil                                   |  |
|                                     | 45 Govindpore „ „                   | Nil                                   |  |

Published for general information.

CALCUTTA REVENUE DEPT.;  
The 26th June 1888.P. N. S. S.  
Secy. to the Govt. of Bengal.

**PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE  
HEAD-QUARTER STATION BAZARS OF THE DISTRICTS OF BENGAL  
DURING THE FORTNIGHT ENDING THE  
15TH JUNE 1888.**

## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

| Number.            | DISTRICTS.    | QUANTITIES PER RUPEE IN |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
|--------------------|---------------|-------------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|-----------------------------------|------------------------|------------------------------------|
|                    |               | WHEAT.                  |                        |                                    | BARLEY.         |                        |                                    | RICE, BEST SORT. |                        |                                    | RICE, COMMON.   |                        |                                    | JOWAR OR CHOLU (Sorghum Vulgare.) |                        |                                    |
|                    |               | Present return.         | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.                   | Next preceding return. | Corresponding return of last year. |
|                    |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| BENGAL.            |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| Western Districts. |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| 1                  | Burdwan       | 14 8                    | 16 0                   | 14 0                               | 40 0            | ...                    | 40 0                               | 17 4             | 18 0                   | 18 12                              | 23 8            | 24 4                   | 23 4                               | ...                               | ...                    | ...                                |
| 2                  | Bankoora      | 13 6                    | 15 0                   | 15 12                              | 30 0            | 30 0                   | 20 0                               | 18 8             | 19 0                   | 19 0                               | 20 4            | 20 4                   | 13 12                              | ...                               | ...                    | ...                                |
| 3                  | Beerbhoom     | 15 12                   | 15 12                  | 18 12                              | ...             | ...                    | ...                                | 16 8             | 16 8                   | 18 0                               | 21 0            | 21 12                  | 24 0                               | ...                               | ...                    | ...                                |
| 4                  | Midnapore     | 14 8                    | 16 0                   | 16 0                               | 40 0            | 40 0                   | ...                                | 18 8             | 18 8                   | 19 0                               | 25 8            | 25 0                   | 24 0                               | ...                               | ...                    | ...                                |
| 5                  | Hooghly       | 14 0                    | 14 0                   | ...                                | ...             | ...                    | ...                                | 10 0             | 10 0                   | 10 0                               | 18 0            | 18 0                   | 18 0                               | ...                               | ...                    | ...                                |
| 6                  | Howrah        | Not available.          | ...                    | ...                                | ...             | ...                    | ...                                | 13 12            | 14 0                   | 13 4                               | 16 12           | 18 12                  | 20 0                               | ...                               | ...                    | ...                                |
| Central Districts. |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| 7                  | Calcutta      | 13 6                    | 13 10                  | 15 0                               | 22 8            | 23 0                   | 20 15                              | 11 11            | 11 13                  | 9 0                                | 17 4            | 17 4                   | 19 2                               | 21 1                              | 19 12                  | 21 0                               |
| 8                  | 24-Pergunnahs | 14 0                    | 16 0                   | 14 0                               | 24 0            | 24 8                   | 20 8                               | 8 0              | 8 0                    | 8 0                                | 19 0            | 19 0                   | 19 4                               | ...                               | ...                    | ...                                |
| 9                  | Nuddea        | 16 8                    | 16 0                   | 18 0                               | 28 12           | 30 10                  | 32 0                               | 14 8             | 14 8                   | 16 0                               | 17 12           | 17 8                   | 19 8                               | ...                               | ...                    | ...                                |
| 10                 | Khoolna       | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 10 0             | 19 0                   | 19 0                               | 21 0            | 21 0                   | 23 0                               | ...                               | ...                    | ...                                |
| 11                 | Jessore       | 14 0                    | 16 0                   | 16 0                               | ...             | ...                    | ...                                | 16 0             | 16 0                   | 16 0                               | 21 0            | 22 0                   | 23 0                               | ...                               | ...                    | ...                                |
| 12                 | Moorshedabad  | 15 0                    | 16 0                   | 16 0                               | ...             | ...                    | ...                                | 16 0             | 16 0                   | 16 0                               | 22 0            | 20 8                   | 21 0                               | ...                               | ...                    | ...                                |
| 13                 | Dinapore      | 14 4                    | 16 8                   | 14 0                               | 42 11           | ...                    | 30 0                               | 19 4             | 21 0                   | 20 8                               | 23 4            | 23 4                   | 21 4                               | ...                               | ...                    | ...                                |
| 14                 | Rajshahye     | 18 0                    | 18 0                   | 18 8                               | 46 0            | 46 0                   | 46 0                               | 18 0             | 18 0                   | 17 6                               | 21 0            | 21 0                   | 18 12                              | ...                               | ...                    | ...                                |
| 15                 | Rungpore      | 20 0                    | 17 8                   | 20 0                               | ...             | ...                    | ...                                | 13 4             | 13 4                   | 17 0                               | 20 0            | 20 0                   | 20 0                               | ...                               | ...                    | ...                                |
| 16                 | Bogra         | 15 12                   | 16 0                   | 16 0                               | ...             | ...                    | ...                                | 16 12            | 16 12                  | 18 8                               | 20 4            | 20 4                   | 21 0                               | ...                               | ...                    | ...                                |
| 17                 | Pubna         | 18 12                   | 18 12                  | 20 0                               | ...             | ...                    | ...                                | 8 4              | 8 4                    | 8 8                                | 22 8            | 22 8                   | 23 8                               | ...                               | ...                    | ...                                |
| 18                 | Darjeeling    | 10 0                    | 10 0                   | 10 0                               | 10 0            | 10 0                   | 10 8                               | 5 0              | 5 0                    | 5 0                                | 14 0            | 14 0                   | 16 0                               | ...                               | ...                    | ...                                |
| 19                 | Jalpigore     | 11 0                    | 13 0                   | 11 0                               | 20 0            | 20 0                   | 20 0                               | 14 0             | 18 0                   | 12 0                               | 20 0            | 20 0                   | 22 0                               | ...                               | ...                    | ...                                |
| Eastern Districts. |               |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |                                   |                        |                                    |
| 20                 | Dacca         | 12 0                    | 12 0                   | 14 8                               | 36 0            | 38 0                   | 23 0                               | 18 0             | 18 0                   | 17 0                               | 21 0            | 21 0                   | 19 0                               | ...                               | ...                    | ...                                |
| 21                 | Furroadpore   | 24 0                    | 24 0                   | 26 0                               | 40 0            | 40 0                   | 30 0                               | 15 8             | 15 0                   | 15 0                               | 24 0            | 24 0                   | 20 0                               | ...                               | ...                    | ...                                |
| 22                 | Backergunge   | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 15 8             | 15 8                   | 17 0                               | 20 0            | 20 0                   | 20 0                               | ...                               | ...                    | ...                                |
| 23                 | Mymensingh    | 12 8                    | 12 0                   | 12 4                               | ...             | ...                    | ...                                | 15 0             | 14 0                   | 14 8                               | 20 0            | 20 0                   | 16 12                              | ...                               | ...                    | ...                                |

A In sub-divisions retail prices of salt per rupee were:—Cuttack 10½ seers, Cuttack 10½ seers, and Mirzapur 10½ seers.

B At Ranpur 11½ retail price of salt 11½ seers per rupee.

C In sub-divisions retail prices of salt per rupee were:—Ghatal 11 seers, Tamluk 8 seers, and Coastal 10 seers.

D In sub-divisions retail prices of salt per rupee were:—Serampore 10½ seers and 10½ seers.

E In sub-divisions retail prices of salt per rupee were:—Barisal, Barisal and Diamond Harbour (Barisal) 8 seers, Barisal 8 seers, and Dacca 10 seers.

F In sub-divisions retail prices of salt per rupee were:—Kutubdia and Barisal 10 seers, and Barisal and Barisal 10 seers.

G In sub-divisions retail prices of salt per rupee were:—Kutubdia and Barisal 10 seers, and Barisal and Barisal 10 seers.

BEERS OF 80 TOLAHS.

| BAJRA OR CUMBU.<br>( <i>Pennisetum typho-</i><br><i>ideum.</i> ) |                             |   | MARUA OR RAGI.<br>( <i>Eleusine Corocana.</i> ) |                             |   |
|--|-----------------------------|---|---|-----------------------------|---|
| Present return.  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present return.                                 | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

[illegible][illegible]

| KANGI OR KAKUN.<br>ITALIAN MILLET.<br>( <i>Setaria italica</i> .) |                             |   | GRAM, CHANA,<br>CHHOLA, KADALAY,<br>OR SUNAGA.<br>( <i>Cleome aristatum</i> .) |                             |   |
|---|-----------------------------|---|--|-----------------------------|---|
| Present return.   | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present return.  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

| S.  | Ch. | S.  | Ch. | S. | Ch. | S. | Ch. | S. | Ch. | S.  | Ch. |
|-----|-----|-----|-----|----|-----|----|-----|----|-----|-----|-----|
| ... | ... | ... | ... | 23 | 0   | 23 | 0   | 25 | 8   | ... | ... |
| ... | ... | ... | ... | 20 | 0   | 20 | 0   | 19 | 8   | ... | ... |
| ... | ... | ... | ... | 22 | 8   | 22 | 8   | 26 | 8   | ... | ... |
| ... | ... | ... | ... | 20 | 0   | 18 | 0   | 17 | 0   | ... | ... |
| ... | ... | ... | ... | 19 | 0   | 19 | 0   | 20 | 0   | ... | ... |
| ... | ... | ... | ... | 20 | 0   | 20 | 0   | 20 | 8   | ... | ... |

|     |     |     |     |    |    |    |    |    |    |     |     |
|-----|-----|-----|-----|----|----|----|----|----|----|-----|-----|
| 17  | 12  | 15  | 14  | 16 | 4  | 10 | 14 | 20 | 15 | 19  | 14  |
| 12  | 0   | 13  | 0   | 20 | 0  | 22 | 8  | 22 | 8  | 22  | 8   |
| ... | ... | ... | ... | 25 | 8  | 26 | 10 | 29 | 0  | ... | ... |
| ... | ... | ... | ... | 16 | 0  | 20 | 0  | 16 | 0  | ... | ... |
| ... | ... | ... | ... | 28 | 4  | 26 | 8  | 26 | 8  | ... | ... |
| ... | ... | ... | ... | 24 | 0  | 24 | 12 | 29 | 0  | ... | ... |
| ... | ... | ... | ... | 19 | 8  | 10 | 4  | 17 | 8  | ... | ... |
| ... | ... | ... | ... | 25 | 8  | 26 | 4  | 28 | 2  | ... | ... |
| ... | ... | ... | ... | 20 | 0  | 16 | 8  | 20 | 0  | ... | ... |
| ... | ... | ... | ... | 17 | 4  | 16 | 8  | 19 | 8  | ... | ... |
| ... | ... | ... | ... | 26 | 4  | 26 | 4  | 28 | 4  | ... | ... |
| ... | ... | ... | ... | 10 | 0  | 10 | 0  | 11 | 0  | ... | ... |
| ... | ... | ... | ... | 18 | 0  | 20 | 0  | 20 | 0  | ... | ... |
| ... | ... | ... | ... | 17 | 8  | 17 | 8  | 16 | 0  | ... | ... |
| ... | ... | ... | ... | 16 | 0  | 16 | 0  | 32 | 0  | ... | ... |
| ... | ... | ... | ... | 11 | 10 | 11 | 10 | 15 | 0  | ... | ... |
| ... | ... | ... | ... | 16 | 0  | 6  | 0  | 16 | 8  | ... | ... |

Head-quarter Station Bazars of the Districts of Bengal on the 15<sup>th</sup> June 1888.

|  |                              |                                       |   |                              |                                       |                 |                              |                                       |                 |                              |                                       | WHOLESALE PRICES<br>PER MAUND OF 40<br>SEERS. |                              |                                       | DISTRICTS.     |
|--|------------------------------|---------------------------------------|---|------------------------------|---------------------------------------|-----------------|------------------------------|---------------------------------------|-----------------|------------------------------|---------------------------------------|---|------------------------------|---------------------------------------|----------------|
| INDIAN CORN OR<br>MAIZE<br>(Zea Mays.) |                              |                                       | ARABIC OR TRUE<br>CASIAN PEA.<br>(Cajanus indicus.) |                              |                                       | FIREWOOD.       |                              |                                       | SALT.           |                              |                                       | SALT.   |                              |                                       |                |
| Present return.                        | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return.                                     | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return. | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return. | Next<br>preceding<br>return. | Corresponding return<br>of last year. | Present return.                               | Next<br>preceding<br>return. | Corresponding return<br>of last year. |                |
| 9. Ch.                                 | 8. Ch.                       | 4. Ch.                                | 8. Ch.  | 8. Ch.                       | 8. Ch.                                | 9. Ch.          | 8. Ch.                       | 8. Ch.                                | 9. Ch.          | 8. Ch.                       | 8. Ch.                                | Rs. A. P.                                     | Rs. A. P.                    | Rs. A. P.                             |                |
| ...                                    | ...                          | ...                                   | 26 8  | 28 0                         | 26 8                                  | 190 0           | 180 0                        | 180 0                                 | 10 8            | 10 7 1/2                     | 13 0                                  | 3 10 0  | 3 10 0                       | 3 13 0                                | Burdwan.       |
| 27 0                                   | 27 0                         | 35 0                                  | 21 0  | 21 8                         | 21 0                                  | 280 0           | 320 0                        | 280 0                                 | 10 8            | 10 4                         | 12 8                                  | 3 14 0  | 3 13 0                       | 3 2 0                                 | Bankura.       |
| ...                                    | ...                          | ...                                   | 15 0  | 16 0                         | 16 8                                  | 160 0           | 180 0                        | 160 0                                 | 10 0            | 10 0                         | 12 12                                 | 3 12 0  | 3 10 0                       | 3 0 0                                 | Boorhanpore.   |
| ...                                    | ...                          | ...                                   | 14 0  | 14 8                         | 13 0                                  | 120 0           | 120 0                        | 155 0                                 | 10 8            | 10 6                         | 12 12                                 | 3 12 0  | 3 14 0                       | 3 2 0                                 | Midnapore.     |
| ...                                    | ...                          | ...                                   | 15 0  | 13 0                         | 14 8                                  | 120 0           | 120 0                        | 120 0                                 | 9 0             | 9 0                          | 13 8                                  | 4 0 0   | 4 0 0                        | 2 14 0                                | Hoochly.       |
| ...                                    | ...                          | ...                                   | 14 0  | 14 0                         | 12 0                                  | 100 0           | 100 0                        | 90 0                                  | 9 0             | 9 0                          | 13 0                                  | 3 11 0  | 3 13 0                       | 3 0 0                                 | Howrah.        |
| Central Districts.                     |                              |                                       |   |                              |                                       |                 |                              |                                       |                 |                              |                                       |   |                              |                                       |                |
| 20 0                                   | 20 0                         | 23 0                                  | 17 18   | 17 14                        | 19 0                                  | 95 0            | 90 0                         | 60 0                                  | 10 9            | 10 8                         | 13 0                                  | 3 7 0   | 3 8 7                        | 3 0 0                                 | Calcutta.      |
| ...                                    | ...                          | 25 8                                  | 19 0  | 19 0                         | 21 0                                  | 110 0           | 110 0                        | 90 0                                  | 10 8            | 10 8                         | 13 0                                  | 3 8 0   | 3 8 0                        | 2 15 0                                | 24-Pergunnahs. |
| ...                                    | ...                          | ...                                   | 20 0  | 20 0                         | 20 0                                  | ...             | ...                          | ...                                   | 9 13            | 9 2                          | 11 10 1/2                             | 4 0 0   | 4 0 0                        | 3 0 0                                 | Nuddea.        |
| ...                                    | ...                          | ...                                   | ...   | ...                          | ...                                   | 160 0           | 120 0                        | 160 0                                 | 8 0             | 8 0                          | 10 0                                  | 4 8 0   | 4 8 0                        | 3 12 0                                | Khosla.        |
| ...                                    | ...                          | ...                                   | 23 0  | 21 0                         | 23 12                                 | 100 0           | 100 0                        | 110 0                                 | 10 10           | 9 0                          | 10 12                                 | 3 12 0  | 3 14 0                       | 3 2 0                                 | Jessore.       |
| ...                                    | ...                          | ...                                   | 20 0  | 23 0                         | 21 0                                  | 200 0           | 200 0                        | 130 0                                 | 10 8            | 11 8                         | 12 0                                  | 3 12 0  | 3 8 0                        | 3 5 0                                 | Moorshedabad.  |
| ...                                    | ...                          | ...                                   | 11 0  | 10 8                         | 10 0                                  | 160 0           | 160 0                        | 160 0                                 | 10 0            | 9 8                          | 12 8                                  | 3 14 0  | 4 0 0                        | 3 2 0                                 | Dinapore.      |
| ...                                    | ...                          | ...                                   | 15 12   | 16 0                         | 16 0                                  | 240 0           | 240 0                        | 240 0                                 | 9 0             | 9 0                          | 12 0                                  | 4 0 0   | 4 0 0                        | 3 2 0                                 | Rajshahy.      |
| ...                                    | ...                          | ...                                   | 10 10   | 10 0                         | 8 10                                  | 120 0           | 120 0                        | 120 0                                 | 10 0            | 10 12                        | 10 0                                  | ...   | 3 7 0                        | 3 0 0                                 | Bangpore.      |
| ...                                    | ...                          | ...                                   | ...   | ...                          | ...                                   | 90 0            | 90 0                         | 90 0                                  | 7 16            | 7 10 1/2                     | 10 8                                  | 5 0 0   | 5 0 0                        | 3 0 0                                 | Bogra.         |
| ...                                    | ...                          | ...                                   | 25 0  | 25 0                         | 18 12                                 | 200 0           | 200 0                        | 200 0                                 | 10 0            | 10 0                         | 12 0                                  | ...   | ...                          | 3 5 0                                 | Patna.         |
| 20 0                                   | 20 0                         | 23 0                                  | 8 0   | 8 0                          | 8 0                                   | 120 0           | 120 0                        | 120 0                                 | 8 0             | 8 0                          | 9 0                                   | ...   | ...                          | 4 0 0                                 | Darjeeling.    |
| 20 0                                   | 20 0                         | 20 0                                  | 18 0  | 12 0                         | 12 0                                  | 150 0           | 120 0                        | 120 0                                 | 9 0             | 9 0                          | 11 0                                  | 4 2 0   | ...                          | 3 0 0                                 | Jalpaiguri.    |
| Eastern Districts.                     |                              |                                       |   |                              |                                       |                 |                              |                                       |                 |                              |                                       |   |                              |                                       |                |
| ...                                    | ...                          | ...                                   | 17 0  | 17 0                         | 15 0                                  | 120 0           | 120 0                        | 120 0                                 | 8 8             | 8 8                          | 12 0                                  | 4 4 0   | 4 4 0                        | 3 0 0                                 | Dacca.         |
| ...                                    | ...                          | ...                                   | ...   | ...                          | 20 0                                  | 120 0           | 120 0                        | 120 0                                 | 9 0             | 9 0                          | 12 0                                  | 4 5 0   | 4 5 0                        | 3 1 0                                 | Farrakpore.    |
| ...                                    | ...                          | ...                                   | 11 0  | 11 0                         | 15 0                                  | 120 0           | 120 0                        | 120 0                                 | 10 0            | 10 0                         | 12 0                                  | 3 12 0  | 3 12 0                       | 3 4 0                                 | Buckergunge.   |
| ...                                    | ...                          | ...                                   | 12 0  | 11 8                         | 14 0                                  | ...             | ...                          | ...                                   | 8 8             | 8 8                          | 12 0                                  | 4 6 0   | 4 6 0                        | 3 5 0                                 | Mymensingh.    |

In sub-divisions retail prices of salt per rupee were:—Lalbagh 10 seers and Jangipore 10 1/2 seers.  
 In sub-divisions retail prices of salt per rupee were:—Sattore 9 1/2 seers and Newgong 8 1/2 seers.  
 In sub-divisions retail prices of salt per rupee were:—Kurigram 8 seers, Galkunda 7 1/2 seers, and Nilphamari 10 seers.  
 In sub-divisions retail prices of salt per rupee were:—Kishoreganj 10 1/2 seers per rupee.  
 In sub-divisions retail prices of salt per rupee were:—Mangalkhali 8 seers, Manohirganj 8 1/2 seers, and Narasingganj 9 seers.  
 In sub-divisions retail prices of salt per rupee were:—Patuakhali 8 seers, Pirozpur 9 seers, and Bhola 10 1/2 seers.  
 In sub-divisions retail prices of salt per rupee were:—Kishoreganj and Jangipore 8 seers, Atan 10 seers, and Nistrakona 8 seers.

## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the Head-quarter

| Number.                      | DISTRICTS.              | QUANTITIES PER RUPEE IN |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |  |                        |                                    |
|------------------------------|-------------------------|-------------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|--|------------------------|------------------------------------|
|                              |                         | WHEAT.                  |                        |                                    | BARLEY.         |                        |                                    | RICE, BEST SORT. |                        |                                    | RICE, COMMON.   |                        |                                    | JOWAR OR CHOLUK.<br>(Sorghum Vulgare.) |                        |                                    |
|                              |                         | Present return.         | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.                        | Next preceding return. | Corresponding return of last year. |
| Eastern Districts—concluded. |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |  |                        |                                    |
| 22                           | Chittagong              | 11 8                    | 11 8                   | 16 8                               | ...             | ...                    | ...                                | 13 0             | 13 0                   | 12 0                               | 20 0            | 18 13                  | 18 8                               | ...                                    | ...                    | ...                                |
| 23                           | Noakholly               | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 19 0             | 19 0                   | 18 0                               | 21 0            | 20 0                   | ...                                | ...                                    | ...                    | ...                                |
| 24                           | Tipperah                | 12 8                    | 12 8                   | 11 7                               | ...             | ...                    | ...                                | 17 8             | 17 8                   | 14 16                              | 23 0            | 22 0                   | 18 17                              | ...                                    | ...                    | ...                                |
| 25                           | Chittagong Hill Tracts. | ...                     | ...                    | ...                                | ...             | ...                    | ...                                | 13 14            | 13 5                   | 10 11                              | 15 4            | 16 4                   | 11 6                               | ...                                    | ...                    | ...                                |
|                              | Hill Tipperah           | 8 8                     | 8 8                    | 12 0                               | ...             | ...                    | ...                                | 10 0             | 10 0                   | 12 0                               | 22 0            | 22 0                   | 16 0                               | ...                                    | ...                    | ...                                |
| BEHAR.                       |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |  |                        |                                    |
| 26                           | Patna                   | 19 0                    | 19 0                   | 17 8                               | 28 0            | 28 0                   | 32 8                               | 11 8             | 11 8                   | 11 8                               | 20 0            | 20 0                   | 21 0                               | ...                                    | 18 0                   | 20 0                               |
| 27                           | Gya                     | 17 0                    | 17 0                   | 16 0                               | 24 0            | 25 0                   | 35 0                               | 11 0             | 10 0                   | 9 0                                | 16 0            | 16 0                   | 16 8                               | ...                                    | ...                    | ...                                |
| 28                           | Shahabad                | 17 0                    | 17 0                   | 16 8                               | 25 0            | 25 8                   | 35 0                               | 10 0             | 9 0                    | 8 0                                | 18 0            | 18 0                   | 17 0                               | ...                                    | ...                    | ...                                |
| 29                           | Durbhanga               | 16 8                    | 16 8                   | 17 10                              | 30 0            | 31 0                   | 28 10                              | 13 0             | 13 8                   | 12 0                               | 19 0            | 20 0                   | 18 12                              | ...                                    | ...                    | ...                                |
| 30                           | Muzafferpore            | 16 0                    | 16 0                   | 18 0                               | 26 0            | 28 0                   | 30 0                               | 13 0             | 12 0                   | 10 0                               | 18 0            | 18 0                   | 20 0                               | ...                                    | ...                    | ...                                |
| 31                           | Saran                   | 17 2                    | 17 2                   | 16 0                               | 24 8            | 25 8                   | 29 0                               | 9 8              | 8 8                    | 8 0                                | 19 4            | 18 12                  | 21 0                               | ...                                    | ...                    | ...                                |
| 32                           | Chumpran                | 17 0                    | 17 0                   | 20 0                               | 30 0            | 30 0                   | 39 0                               | 8 0              | 9 0                    | 7 8                                | 17 0            | 16 8                   | 18 0                               | ...                                    | ...                    | ...                                |
| 33                           | Monghyr                 | 17 12                   | 18 9                   | 16 14                              | 27 15           | 33 9                   | 32 6                               | 12 10            | 12 14                  | 14 1                               | 15 12           | 16 12                  | 16 12                              | 15 12                                  | ...                    | 21 0                               |
| 34                           | Bhagulpore              | 18 4                    | 18 4                   | 17 10                              | 25 4            | 26 8                   | 37 14                              | 15 2             | 15 2                   | 17 10                              | 17 10           | 17 10                  | 18 15                              | ...                                    | ...                    | ...                                |
| 35                           | Purneah                 | 20 0                    | 19 0                   | 18 0                               | 29 0            | ...                    | ...                                | 19 0             | 19 0                   | 16 0                               | 30 0            | 21 0                   | 20 0                               | ...                                    | ...                    | ...                                |
| 36                           | Meidab                  | 16 0                    | 13 0                   | 16 8                               | ...             | ...                    | ...                                | 14 0             | 14 0                   | 14 0                               | 20 0            | 21 0                   | 19 0                               | ...                                    | ...                    | ...                                |
| 37                           | Southal Pergas.         | 18 8                    | 13 0                   | 18 0                               | ...             | ...                    | ...                                | 16 8             | 16 0                   | 16 0                               | 20 0            | 20 0                   | 25 0                               | ...                                    | ...                    | ...                                |
| ORISSA.                      |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |  |                        |                                    |
| 38                           | Cuttack                 | 10 8                    | 10 8                   | 14 7                               | ...             | ...                    | ...                                | 11 12            | 11 12                  | 13 8                               | 19 11           | 19 11                  | 19 11                              | ...                                    | ...                    | ...                                |
| 39                           | Pooree                  | 12 2                    | 14 7                   | 10 8                               | ...             | ...                    | ...                                | 11 12            | 13 8                   | 14 7                               | 21 0            | 21 0                   | 22 5                               | ...                                    | ...                    | ...                                |
| 40                           | Balasore                | 15 0                    | 15 0                   | 15 0                               | 18 0            | 18 0                   | 18 0                               | 14 0             | 14 0                   | 14 0                               | 22 0            | 27 0                   | 25 0                               | ...                                    | ...                    | ...                                |
| CHOTA NAGPORE.               |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |  |                        |                                    |
| South-West Frontier Agency.  |                         |                         |                        |                                    |                 |                        |                                    |                  |                        |                                    |                 |                        |                                    |  |                        |                                    |
| 41                           | Mazariabagh             | 13 0                    | 15 0                   | 16 0                               | 17 0            | 19 0                   | 21 0                               | 8 0              | 8 0                    | 9 0                                | 14 0            | 15 0                   | 15 0                               | Not procurable.                        |                        |                                    |
| 42                           | Lohardugga              | 11 8                    | 13 0                   | 23 8                               | ...             | ...                    | 28 0                               | 15 0             | 15 0                   | 17 0                               | 18 0            | 18 0                   | 22 0                               | ...                                    | ...                    | ...                                |
| 43                           | Singbhoom               | 13 0                    | 14 0                   | 20 0                               | 16 0            | 16 0                   | 28 0                               | 12 0             | 12 0                   | 20 0                               | 20 0            | 20 0                   | 24 0                               | ...                                    | ...                    | ...                                |
| 44                           | Masbhoom                | 13 5                    | 18 0                   | 18 0                               | ...             | 34 0                   | 38 0                               | 14 0             | 14 0                   | 18 8                               | 21 0            | 21 0                   | 22 0                               | ...                                    | ...                    | ...                                |

- Q In Cox's Bazar sub-division retail price of salt 8 annas per rupee.  
 R At Panohgaohia in the Fenny sub-division retail price of salt 8 annas per rupee.  
 S In sub-division retail prices of salt per rupee were:—Bazar 10 annas, Shabana 7 annas, and Samson 6 annas.  
 T In Madhubani and Tapore sub-divisions retail price of salt 12 annas per rupee.  
 U At Hajipore retail price of salt 9 annas per rupee.  
 V At Bettiah retail price of salt 9 annas per rupee.

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| BAJRA OR CUMBI.<br>( <i>Eleusine cypho-</i><br><i>idum.</i> ) |                             |   | MARUA OR RAGI.<br>( <i>Eleusine Corocana.</i> ) |                             |   |
|---|-----------------------------|---|---|-----------------------------|---|
| Present return.   | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present return.                                 | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

[illegible]



| KANGNI OR KAKIN.<br>ITALIAN MILLET.<br>( <i>Setaria italica</i> .) |                             |   | THAM, CHANA,<br>CHHOLA, KADALA,<br>OR HUNAGA.<br>( <i>Cenchrus ciliaris</i> .) |                             |   |
|--|-----------------------------|---|--|-----------------------------|---|
| Present return.  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. | Present return.  | Next preceding re-<br>turn. | Corresponding re-<br>turn of last year. |

| Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

|     |     |     |     |     |     |    |   |    |    |    |    |
|-----|-----|-----|-----|-----|-----|----|---|----|----|----|----|
| 21  | 0   | 22  | 0   | 24  | 0   | 28 | 0 | 29 | 0  | 30 | 0  |
| 17  | 0   | 19  | 0   | 16  | 0   | 23 | 8 | 25 | 0  | 27 | 8  |
| ... | ... | ... | ... | ... | ... | 25 | 4 | 26 | 8  | 28 | 0  |
| ... | ... | ... | ... | ... | ... | 23 | 0 | 26 | 4  | 26 | 0  |
| ... | ... | ... | ... | ... | ... | 24 | 0 | 25 | 0  | 27 | 0  |
| 16  | 8   | 15  | 8   | 14  | 0   | 24 | 8 | 23 | 4  | 27 | 0  |
| ... | ... | ... | ... | ... | ... | 21 | 0 | 21 | 8  | 23 | 0  |
| 12  | 0   | ... | ... | 21  | 0   | 26 | 4 | 29 | 7  | 22 | 8  |
| ... | ... | ... | ... | ... | ... | 25 | 4 | 27 | 12 | 27 | 12 |
| 16  | 0   | 16  | 0   | 16  | 0   | 26 | 0 | 30 | 0  | 20 | 0  |
| ... | ... | ... | ... | ... | ... | 27 | 0 | 28 | 0  | 27 | 0  |
| ... | ... | ... | ... | ... | ... | 21 | 0 | 22 | 0  | 22 | 0  |

|     |     |     |     |    |   |            |    |    |   |
|-----|-----|-----|-----|----|---|------------|----|----|---|
| ... | ... | ... | ... | 18 | 0 | (Kakai) 19 | 11 | 17 | 1 |
| ... | ... | ... | ... | 18 | 0 | (Kakai) 18 | 0  | 18 | 2 |
| ... | ... | ... | ... | 16 | 0 | 16         | 0  | 16 | 0 |

|                 |     |     |     |    |   |    |   |    |   |
|-----------------|-----|-----|-----|----|---|----|---|----|---|
| Not procurable. | ... | ... | ... | 18 | 0 | 19 | 0 | 20 | 0 |
| ...             | ... | ... | ... | 18 | 0 | 19 | 0 | 20 | 0 |
| ...             | ... | ... | ... | 14 | 0 | 14 | 0 | 16 | 0 |
| ...             | ... | ... | ... | 17 | 0 | 17 | 8 | 18 | 0 |

*Station Bazaars of the Districts of Bengal on the 15th June 1888—(concluded).*

[illegible]

### ***Eastern Districts—concluded***

| S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S.  | Ch. | S. | Ch. | S. | Ch. | R. | A. | P. | R. | A. | P.  | R.  | A. | P. |   |     |                |                          |             |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|----|----|----|----|----|-----|-----|----|----|---|-----|----------------|--------------------------|-------------|
| ... | ... | ... | ... | 10  | 0   | 10  | 0   | 0   | 0   | 110 | ... | 110 | 0   | 80 | 0   | 0  | 0   | 9  | 0  | 10 | 0  | 3  | 14  | 0   | 3  | 14 | 0 | 3   | 10             | 0                        | Chittagong. |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8  | 0   | 8  | 0   | 9  | 0  | 0  | 0  | 1  | 9   | 0   | 1  | 8  | 0 | 3   | 13             | 0                        | Nordcholly. |
| ... | ... | ... | ... | 10  | 0   | 10  | 0   | 0   | 114 | ... | ... | ... | ... | 8  | 0   | 8  | 0   | 11 | 8  | 1  | 10 | 0  | 1   | 10  | 0  | 3  | 6 | 0   | Tippurah.      |                          |             |
| ... | ... | ... | ... | ... | ... | ... | ... | 320 | 0   | 320 | 0   | 320 | 0   | 8  | 0   | 8  | 0   | 8  | 0  | 4  | 8  | 0  | ... | ... | 4  | 8  | 0 | ... | ...            | Chittagong Gh.<br>Frnds. |             |
| ... | ... | ... | ... | 12  | 0   | 12  | 0   | 10  | 0   | ... | ... | ... | ... | 9  | 0   | 9  | 0   | 11 | 0  | 4  | 4  | 0  | 4   | 4   | 0  | 3  | 4 | 0   | Hill Tippurah. |                          |             |

## B/CIA/2.

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |    |    |     |     |     |     |     |     |     |     |     |            |            |                 |            |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|------------|-----------------|------------|
| ... | 98  | 8   | 27  | 0   | 8   | 0   | 23  | 0   | 28  | 0   | 16  | 0   | 120 | 0   | 120 | 0   | 9   | 8   | 9 | 12 | 11 | 9   | 9   | 12  | 0   | 3   | 12  | 0   | 3   | 1   | 0'         | Pattai.    |                 |            |
| ... | ... | ... | ... | 15  | 0   | 14  | 0   | 23  | 0   | 180 | 0   | 100 | 0   | 100 | 0   | 9   | 8   | 9   | 8 | 11 | 0  | 4   | 4   | 0   | 4   | 2   | 0   | 3   | 5   | 0'  | Oya.       |            |                 |            |
| ... | ... | ... | ... | 15  | 0   | 14  | 0   | 16  | 0   | 51  | 0   | 140 | 0   | 160 | 0   | 10  | 0   | 10  | 0 | 12 | 0  | ... | ... | ... | ... | ... | ... | ... | 3   | 5   | 0'         | Sichabadi. |                 |            |
| 20  | 0   | 31  | 0   | 27  | 8   | 24  | 0   | 25  | 0   | 20  | 14  | 160 | 0   | 170 | 0   | 10  | 0   | 10  | 0 | 12 | 0  | 3   | 10  | 0   | 3   | 10  | 0   | 3   | 0   | 0   | Darbhanga. |            |                 |            |
| 23  | 0   | 24  | 0   | 10  | 0   | 27  | 0   | 27  | 8   | 29  | 0   | 160 | 0   | 160 | 0   | 140 | 0   | 10  | 0 | 16 | 0  | 13  | 0   | 3   | 12  | 0   | 3   | 12  | 0   | 3   | 1          | 0.         | Mozafferpore.   |            |
| 23  | 8   | 23  | 8   | 30  | 0   | 27  | 0   | 37  | 6   | 24  | 8   | 150 | 0   | 140 | 0   | 120 | 0   | 10  | 0 | 10 | 0  | 12  | 0   | 3   | 14  | 0   | 3   | 14  | 0   | 3   | 3          | 0          | Biran.          |            |
| 24  | 0   | 25  | 0   | 31  | 0   | 28  | 0   | 10  | 6   | 22  | 8   | 180 | 0   | 160 | 0   | 160 | 0   | 9   | 8 | 9  | 0  | 12  | 0   | 4   | 0   | 0   | 3   | 0   | 0   | 3   | 4          | 0'         | Cumnapara.      |            |
| 21  | 0   | 21  | 0   | 27  | 6   | 24  | 8   | 23  | 1   | 22  | 0   | 126 | 0   | 126 | 0   | 126 | 0   | 10  | 0 | 10 | 0  | 12  | 0   | 3   | 12  | 0   | 3   | 12  | 0   | 3   | 0          | 0          | Moudhyr.        |            |
| 26  | 4   | 25  | 4   | 35  | 5   | 24  | 0   | 25  | 4   | 23  | 11  | 151 | 8   | 151 | 8   | 135 | 14  | 10  | 1 | 10 | 4  | 12  | 10  | ... | ... | ... | ... | ... | ... | ... | ...        | Rangpoone. |                 |            |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | X   | ... | ... | 8 | 8  | 8  | 8   | 10  | 8   | 4   | 8   | 0   | 4   | 8   | 0   | 3          | 10         | 0               | Furness's. |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 | 8  | 0  | 8   | 11  | 5   | 4   | 2   | 0   | 4   | 0   | 0   | 3          | 5          | 0               | Mahlat.    |
| 16  | 0   | 28  | 0   | 32  | 0   | 31  | 0   | 34  | 0   | 26  | 0   | 200 | 0   | 200 | 0   | 200 | 0   | 10  | 0 | 0  | 0  | 11  | 8   | 3   | 11  | 0   | 4   | 0   | 0   | 3   | 4          | 0          | Sonthal People. |            |

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|    |    |    |    |    |   |    |   |    |   |    |   |    |   |    |   |    |   |    |   |   |   |   |          |   |    |   |          |
|----|----|----|----|----|---|----|---|----|---|----|---|----|---|----|---|----|---|----|---|---|---|---|----------|---|----|---|----------|
| 15 | 12 | 15 | 13 | 80 | 0 | 80 | 0 | 80 | 0 | 10 | 0 | 13 | 0 | 4  | 7 | 0  | 3 | 14 | 0 | 3 | 1 | 0 | Outback. |   |    |   |          |
| 15 | 12 | 15 | 12 | 14 | 7 | 80 | 0 | 80 | 0 | 70 | 0 | 10 | 8 | 10 | 0 | 14 | 7 | 3  | 8 | 0 | 3 | 8 | 0        | 2 | 10 | 0 | Pooran.  |
| 15 | 0  | 11 | 8  | 11 | 0 | 20 | 0 | 20 | 0 | 10 | 0 | 0  | 8 | 9  | 8 | 10 | 8 | 4  | 0 | 0 | 1 | 0 | 0        | 3 | 5  | 0 | Hidaxnu. |

CITY & NAUPOHO.  
South-West Frontier Agency.

|     |     |     |     |     |     |    |   |    |   |    |   |     |   |     |   |     |   |    |   |    |   |    |    |    |     |     |     |     |     |     |    |   |            |             |
|-----|-----|-----|-----|-----|-----|----|---|----|---|----|---|-----|---|-----|---|-----|---|----|---|----|---|----|----|----|-----|-----|-----|-----|-----|-----|----|---|------------|-------------|
| 5   | 0   | 19  | 0   | 26  | 0   | 18 | 0 | 28 | 0 | 21 | 0 | 280 | 0 | 320 | 0 | 320 | 0 | 11 | 0 | 11 | 0 | 10 | 0  | 4  | 12  | 0   | 4   | 8   | 0   | 3   | 10 | 0 | Hamirbagh. |             |
| ... | ... | ... | ... | ... | ... | 25 | 0 | 32 | 0 | 28 | 0 | 140 | 0 | 140 | 0 | 120 | 0 | Z1 | 5 | 0  | 8 | 0  | 8  | 12 | ... | ... | ... | ... | ... | ... | 4  | 0 | 0          | Behardugga. |
| ... | ... | ... | ... | ... | ... | 20 | 0 | 20 | 0 | 20 | 0 | 240 | 0 | 240 | 0 | 220 | 0 | 6  | 8 | 8  | 0 | 8  | 0  | 4  | 12  | 0   | 8   | 11  | 0   | 4   | 0  | 0 | Singhpura. |             |
| 1   | 0   | 24  | 0   | ... | ... | 22 | 0 | 22 | 0 | 22 | 0 | 200 | 0 | 200 | 0 | 200 | 0 | Z2 | 8 | 0  | 8 | 0  | 10 | 10 | 4   | 0   | 0   | 4   | 0   | 0   | 8  | 0 | 0          | Manjeshwar. |

In sub-divisions retail prices of salt per rupee were:—Boguerai 8 seers and Jamai 9½ seers.  
In sub-divisions retail prices of salt per rupee were:—Kithongunge 9 seers and Arinveni (at Banigunge) 8½ seers.  
In the Khocdib sub-division retail price of salt 9 seers per rupee.  
At Bhandrak retail price of salt 8 seers per rupee.  
At Bhangungunge retail price of salt 8½ seers per rupee.  
At Golechauru retail price of salt 9 seers per rupee.

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

15th June 1888.

| AREAR OR THUB<br>CANIAN PRA.<br>(Cujanus indicus.) |                        |                                       | FIREWOOD.       |                        |                                       | SALT.           |                        |                                       | MART.        |
|--|------------------------|---------------------------------------|-----------------|------------------------|---------------------------------------|-----------------|------------------------|---------------------------------------|--------------|
| Present return.                                    | Next preceding return. | Corresponding return<br>of last year. | Present return. | Next preceding return. | Corresponding return<br>of last year. | Present return. | Next preceding return. | Corresponding return<br>of last year. |              |
| R. A. P.   | R. A. P.               | R. A. P.                              | R. A. P.        | R. A. P.               | R. A. P.                              | R. A. P.        | R. A. P.               | R. A. P.                              |              |
| 0 1 16 10  | 1 16 0                 | 2 2 0                                 | 0 8 2           | 0 8 3                  | 0 8 9                                 | 3 11 0          | 3 8 7                  | 3 0 0                                 | Calcutta.    |
| ...  | ...                    | ...                                   | ...             | ...                    | ...                                   | 3 11 0          | 3 14 0                 | 3 2 1                                 | Soraimgunge. |
| 2 0 0  | 2 11 0                 | 2 7 0                                 | 0 8 0           | 0 8 0                  | 0 8 0                                 | 4 4 0           | 4 4 0                  | 3 3 0                                 | Dacca.       |
| 2 8 0  | 2 8 0                  | 3 4 0                                 | 0 10 0          | 0 10 0                 | 0 8 0                                 | 4 0 0           | 4 0 0                  | 3 2 0                                 | Naraingunge. |
| 3 12 0   | 3 12 0                 | 4 0 0                                 | 0 8 0           | 0 8 0                  | 0 10 0                                | 3 14 0          | 3 14 0                 | 3 10 0                                | Chittagong.  |
| 0 1 6 0  | 1 6 0                  | 1 5 5                                 | 0 8 0           | 0 8 0                  | 0 8 0                                 | 3 12 0          | 3 12 0                 | 3 1 0                                 | Ratna.       |
| 3 0 0  | 3 3 0                  | 3 4 0                                 | 0 8 0           | 0 8 0                  | 0 4 3                                 | 4 0 0           | 4 2 0                  | 3 6 0                                 | Balagoro.    |
| ...  | ...                    | ...                                   | ...             | ...                    | ...                                   | 3 8 0           | 3 8 0                  | 3 10 0                                | Pooros.      |
| 3 5 0  | 3 5 0                  | ...                                   | 0 8 0           | 0 8 0                  | 0 8 0                                 | 4 7 0           | 3 24 0                 | 3 1 0                                 | Cuttack.     |

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

## PRICES CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

| Number. | MARKET.         | WHEAT.          |                        |                                    | BARLEY.         |                        |                                    | RICE, BEST SORT. |                        |                                    | RICE, COMMON.   |                        |                                    |
|---------|-----------------|-----------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|------------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|
|         |                 | Present return. | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return.  | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. |
|         |                 | R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.         | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           |
| 1       | Calcutta ...    | 2 11 10         | 2 10 9                 | 2 8 0                              | 1 8 9           | 1 7 9                  | 1 6 0                              | 2 2 7            | 2 2 5                  | 2 4 0                              | 2 1 5           | 2 1 8                  | 1 13 5                             |
| 2       | Serajgango ...  | 2 2 0           | 1 14 0                 | "                                  | "               | "                      | "                                  | 3 1 0            | 3 6 0                  | 3 12 0                             | 1 14 0          | 1 15 0                 | 2 0 0                              |
| 3       | Dacca ...       | 2 0 0           | 2 0 0                  | 2 12 0                             | 1 0 0           | 1 0 0                  | 1 11 0                             | 3 2 0            | 2 2 0                  | 2 8 0                              | 1 14 0          | 1 14 0                 | 3 0 0                              |
| 4       | Naradigunge ... | "               | "                      | "                                  | "               | "                      | "                                  | 2 0 0            | 2 0 0                  | 2 5 0                              | 1 12 0          | 1 12 0                 | 2 6 0                              |
| 5       | Chittagong ...  | 3 6 0           | 3 6 0                  | 3 6 0                              | "               | "                      | "                                  | 3 14 0           | 3 12 0                 | 3 2 0                              | 1 14 0          | 3 3 0                  | 2 4 0                              |
| 6       | Patna ...       | 2 0 0           | 2 2 0                  | 2 4 0                              | 1 8 0           | 1 6 0                  | 1 3 5                              | 3 0 0            | 3 0 0                  | 3 0 0                              | 2 12 0          | 1 15 0                 | 1 12 0                             |
| 7       | Bahar ...       | 2 8 0           | 2 8 0                  | 2 8 0                              | 3 0 0           | 3 0 0                  | 3 0 0                              | 3 0 0            | 3 12 0                 | 3 12 0                             | 1 7 0           | 1 7 0                  | 1 7 0                              |
| 8       | Pooraj ...      | "               | "                      | "                                  | "               | "                      | "                                  | "                | "                      | "                                  | 1 13 0          | 1 14 0                 | 1 11 0                             |
|         | Cuttack ...     | 3 10 0          | 3 10 0                 | 3 10 0                             | "               | "                      | "                                  | 3 4 0            | 3 4 0                  | 3 0 0                              | 2 0 0           | 3 2 0                  | 3 0 0                              |

CALCUTTA,  
The 26th June 1888.

# PRICES PER MAUND

| JOWAR OR CH. UM.<br>( <i>Sorghum Vulgare</i> .) |                        |                                    | BAJRA OR CUMBU.<br>( <i>Pennisetum typhoides</i> .) |                        |                                    |
|---|------------------------|------------------------------------|---|------------------------|------------------------------------|
| Present return.                                 | Next preceding return. | Corresponding return of last year. | Present return.                                     | Next preceding return. | Corresponding return of last year. |
| R. A. P.  | R. A. P.               | R. A. P.                           | R. A. P.  | R. A. P.               | R. A. P.                           |
| 1 10 5  | 1 12 6                 | 1 10 0                             | 2 3 11  | 2 4 0                  | 2 6 0                              |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | 2 2 0                  | 1 6 0                              | ...   | ...                    | 1 6 0                              |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |
| ...   | ...                    | ...                                | ...   | ...                    | ...                                |

OF 40 SEEDS.

| MARUA OR RAUL.<br>( <i>Eleusine Coracana.</i> ) |                        |                                       | KANGUM OR KAKUM.<br>ITALIAN MILLET.<br>( <i>Setaria Italica.</i> ) |                        |                                       |
|---|------------------------|---------------------------------------|--|------------------------|---------------------------------------|
| Present return.                                 | Next preceding return. | Corresponding return<br>of last year. | Present return.  | Next preceding return. | Corresponding return<br>of last year. |
| R. A. P.  | R. A. P.               | R. A. P.                              | R. A. P.   | R. A. P.               | R. A. P.                              |
| ...   | ...                    | ..                                    | 2 0 0  | 2 4 7                  | 2 8 0                                 |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | 1 8 0                                 | 1 3 0  | 1 12 0                 | 1 9 6                                 |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |
| ...   | ...                    | ...                                   | ...  | ...                    | ...                                   |

undermentioned Ports of Bengal on the 15th June 1888.

| GRAM, UHANA, CHHOLA,<br>KADALAY OR SONAGA.<br>(Cler Arabinum.) |                        |                                    | INDIAN-CORN OR MAIZE.<br>(Zea Mays.) |                        |                                    | ARABIC OR TURK<br>CASIAN PEA.<br>(Cajanus indicus.) |                        |                                    | FIRWOOD.        |                        |                                    | SALT.           |                        |                                    | PORT.        |
|--|------------------------|------------------------------------|--------------------------------------|------------------------|------------------------------------|---|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|-----------------|------------------------|------------------------------------|--------------|
| Present return.  | Next preceding return. | Corresponding return of last year. | Present return.                      | Next preceding return. | Corresponding return of last year. | Present return.                                     | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. | Present return. | Next preceding return. | Corresponding return of last year. |              |
| R. A. P.   | R. A. P.               | R. A. P.                           | R. A. P.                             | R. A. P.               | R. A. P.                           | R. A. P.  | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           | R. A. P.        | R. A. P.               | R. A. P.                           |              |
| 1 12 1   | 1 10 8                 | 1 9 0                              | 1 11 11                              | 1 12 0                 | 1 8 0                              | 1 15 10   | 1 15 8                 | 1 0 0                              | 0 5 2           | 0 6 3                  | 0 8 9                              | 3 7 9           | 3 8 7                  | 3 0 0                              | Calcutta.    |
| 1 8 6  | 2 10 0                 | 1 3 8                              | ...                                  | ...                    | ...                                | ...   | ...                    | ...                                | ...             | ...                    | ...                                | 3 11 6          | 3 14 1                 | 3 2 0                              | Suraingunge. |
| 1 1 0  | 1 0 9                  | 1 7 0                              | ...                                  | ...                    | ...                                | 2 0 0   | 2 0 0                  | 2 7 0                              | 0 5 0           | 0 5 0                  | 0 5 0                              | 4 4 0           | 4 4 0                  | 3 3 0                              | Dacca.       |
| 3 4 0  | 3 4 0                  | 2 4 0                              | ...                                  | ...                    | ...                                | 3 3 0   | 3 3 0                  | 3 4 0                              | 0 10 0          | 0 10 0                 | 0 8 0                              | 4 0 0           | 4 0 0                  | 3 3 0                              | Naraingunge. |
| 3 6 0  | 3 6 0                  | 3 0 0                              | ...                                  | ...                    | ...                                | 3 12 0  | 3 12 0                 | 4 10 0                             | 0 5 0           | 0 5 0                  | 0 10 0                             | 3 14 0          | 3 14 0                 | 3 10 0                             | Chittagong.  |
| 1 6 0  | 1 6 0                  | 1 3 0                              | ...                                  | 1 6 0                  | 1 6 0                              | 1 5 0   | 1 5 0                  | 1 5 0                              | 0 5 0           | 0 5 0                  | 0 5 0                              | 3 12 0          | 3 12 0                 | 3 1 0                              | Faina.       |
| 3 6 0  | 3 6 0                  | 3 5 0                              | ...                                  | ...                    | ...                                | 3 0 0   | 3 3 0                  | 3 4 0                              | 0 4 0           | 0 4 0                  | 0 4 0                              | 4 2 0           | 4 2 0                  | 3 5 0                              | Balasore.    |
| ...  | ...                    | ...                                | ...                                  | ...                    | ...                                | ...   | ...                    | ...                                | ...             | ...                    | ...                                | 3 8 0           | 3 8 0                  | 3 10 0                             | Pooree.      |
| (Kash.)  | ...                    | ...                                | ...                                  | ...                    | ...                                | 3 5 0   | 3 5 0                  | ...                                | 0 3 0           | 0 3 0                  | 0 3 0                              | 4 7 0           | 3 24 0                 | 3 1 0                              | Cuttack.     |

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

# Meteorological Report of the Province of Bengal

| METEOROLOGICAL DIVISION | DISTRICT.              | Representative station. | STATION OBSERVATIONS.           |                            |                      |                            |                     |                      |                        |                     |                        |                           |                           |                         |                                     |
|-------------------------|------------------------|-------------------------|---------------------------------|----------------------------|----------------------|----------------------------|---------------------|----------------------|------------------------|---------------------|------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------|
|                         |                        |                         | AIR PRESSURE.                   |                            |                      | WIND.                      |                     | TEMPERATURE.         |                        |                     |                        |                           |                           |                         |                                     |
|                         |                        |                         | Mean barometric height, 10 A.M. | Mean reduced to sea-level. | Variation from mean. | Prevailing direction.      | Mean wind velocity. | Highest during week. | Date.                  | Lowest during week. | Date.                  | Mean maximum temperature. | Mean minimum temperature. | Mean daily temperature. | Variation from normal mean of week. |
|                         |                        |                         |                                 |                            |                      |                            |                     |                      |                        |                     |                        |                           |                           |                         |                                     |
| CHITTAGONG DIVISION.    | Horton                 | Horton                  | 29.565                          | 29.575                     | —                    | SW                         | 538                 | 109.5                | 20th June              | 70.5                | 17th June              | 82.7                      | 82.9                      | 87.3                    | —                                   |
|                         | Gopalpur               | Gopalpur                | 29.533                          | 29.542                     | —0.009               | S & S.W.                   | 387                 | 93.7                 | 20th & 21st June       | 81.9                | 17th "                 | 90.0                      | 87.5                      | 87.1                    | +5.7                                |
|                         | Falae Point            | Falae Point             | 29.650                          | 29.671                     | —0.021               | South-westerly             | 367.0               | 106.0                | 10th "                 | 80.2                | 10th "                 | 97.1                      | 81.0                      | 87.6                    | +1.7                                |
|                         | Chittagong             | Chittagong              | 29.477                          | 29.553                     | —0.076               | South-westerly             | 109                 | 111.4                | 20th "                 | 81.0                | 17th "                 | 107.4                     | 89.3                      | 93.7                    | +3.2                                |
| SOUTH-WEST BENGAL.      | Balesore               | Balesore                | 29.481                          | 29.520                     | —0.039               | S & S.W.                   | 127.4               | 105.5                | 16th "                 | 80.0                | 17th "                 | 104.3                     | 88.2                      | 94.0                    | +11.3                               |
|                         | South-West Midnapore   | Ranger Island           | 29.215                          | 29.510                     | —0.295               | S                          | 573                 | 96.7                 | 16th "                 | 77.6                | 16th "                 | 96.9                      | 84.4                      | 89.7                    | +4.0                                |
|                         | South 24 Pargunnahs    | Midnapore               | 29.582                          | 29.627                     | —0.045               | N.W.                       | 160.2               | 111.4                | 21st "                 | 82.0                | 17th "                 | 108.0                     | 83.8                      | 90.4                    | +12.8                               |
|                         | 24 Pargunnahs          | Calcutta                | 29.504                          | 29.523                     | —0.019               | S.W.                       | 173                 | 103.9                | 20th "                 | 78.7                | 19th "                 | 100.4                     | 81.4                      | 90.9                    | +5.1                                |
| SOUTH-EAST BENGAL.      | Howrah                 | Howrah                  | 29.504                          | 29.523                     | —0.019               | S.W.                       | 173                 | 103.9                | 20th "                 | 78.7                | 19th "                 | 100.4                     | 81.4                      | 90.9                    | +5.1                                |
|                         | Burdwan                | Burdwan                 | 29.411                          | 29.508                     | —0.097               | S                          | 113.3               | 108.3                | 21st "                 | 80.4                | 17th "                 | 103.8                     | 81.0                      | 84.4                    | +1.0                                |
|                         | Bankura                | Bankura                 | 29.283                          | —                          | —                    | W.N.W.                     | 181                 | 112.0                | 21st "                 | 83.7                | 17th "                 | 109.5                     | 84.2                      | 97.4                    | —                                   |
|                         | Berhampur              | Berhampur               | 29.170                          | 29.470                     | —0.300               | Variable                   | 109.1               | 114.5                | 21st "                 | 89.3                | 17th "                 | 110.1                     | 86.9                      | 91.5                    | +13.4                               |
| MIDNAPUR DIVISION.      | West Burdwan           | West Burdwan            | 29.474                          | 29.521                     | —0.047               | S                          | 95.7                | 105.7                | 20th & 21st June       | 70.3                | 17th & 18th June       | 97.0                      | 81.2                      | 90.4                    | +4.7                                |
|                         | Moordhadesar           | Krishnapur              | 29.157                          | 29.321                     | —0.164               | S.W. & S.E.                | 164.0               | 101.8                | 18th, 19th & 21st June | 78.2                | 19th "                 | 100.5                     | 80.8                      | 90.7                    | +2.0                                |
|                         | Jessore                | Jessore                 | —                               | —                          | —                    | S                          | 134.8               | 93.8                 | 10th, 16th & 18th June | 78.0                | 16th "                 | 97.7                      | 81.7                      | 86.7                    | +5.0                                |
|                         | Khulna                 | Chittagong              | 29.130                          | 29.399                     | —0.269               | S.S.E.                     | 127                 | 91.7                 | 15th "                 | 76.0                | 17th "                 | 85.3                      | 80.0                      | 81.0                    | +2.7                                |
| CHITTAGONG HILL TRACTS. | Chittagong Hill Tracts | Dumuria                 | —                               | —                          | —                    | Observations not received. |                     |                      |                        |                     |                        |                           |                           |                         |                                     |
|                         | Barisal                | Barisal                 | 29.504                          | 29.570                     | —0.066               | S                          | 119.1               | 91.9                 | 17th "                 | 78.9                | 16th & 22nd "          | 95.5                      | 81.1                      | 87.3                    | +3.5                                |
|                         | Noakhali               | Noakhali                | 29.501                          | 29.512                     | —0.011               | S                          | 119.1               | 91.9                 | 20th "                 | 81.8                | 16th June              | 95.9                      | 81.8                      | 86.1                    | —                                   |
|                         | Faridpur               | Faridpur                | 29.523                          | 29.579                     | —0.056               | S                          | 130                 | 95.0                 | 20th "                 | 76.9                | 16th "                 | 91.9                      | 80.1                      | 87.1                    | +4.8                                |
| NORTH BENGAL.           | Dacca                  | Dacca                   | 29.511                          | 29.565                     | —0.054               | S.S.E.                     | 161                 | 91.1                 | 20th "                 | 77.1                | 16th "                 | 93.0                      | 80.8                      | 86.9                    | +3.0                                |
|                         | Comilla                | Comilla                 | 29.510                          | 29.573                     | —0.063               | S.E.                       | 153.5               | 95.3                 | 16th, 19th & 20th June | 74.8                | 16th "                 | 92.6                      | 79.0                      | 85.9                    | +4.2                                |
|                         | Mymensingh             | Mymensingh              | 29.429                          | 29.577                     | —0.148               | S.E.                       | 149.4               | 90.8                 | 19th "                 | 73.6                | 16th "                 | 89.1                      | 77.0                      | 80.3                    | +1.3                                |
|                         | Roga                   | Roga                    | 29.491                          | 29.541                     | —0.050               | S                          | 141.5               | 94.3                 | 21st "                 | 72.9                | 16th "                 | 85.1                      | 77.7                      | 86.9                    | +1.8                                |
| NORTH BENGAL.           | Patna                  | Seraikunga              | 29.508                          | 29.554                     | —0.046               | S.E.                       | 101.5               | 93.0                 | 21st "                 | 73.2                | 16th "                 | 82.3                      | 79.2                      | 85.3                    | +3.0                                |
|                         | Rajshahi               | Rajshahi                | 29.467                          | 29.530                     | —0.063               | S.E.                       | 170                 | 98.4                 | 21st "                 | 74.8                | 16th "                 | 95.9                      | 79.5                      | 87.5                    | +3.1                                |
|                         | Maldah                 | Maldah                  | 29.380                          | —                          | —                    | N.E.                       | 103.8               | 103.7                | 21st "                 | 70.4                | 16th "                 | 102.3                     | 81.9                      | 91.2                    | —                                   |
|                         | Dinapore               | Dinapore                | 29.401                          | 29.525                     | —0.124               | E.S.E.                     | 173                 | 94.1                 | 21st June              | 71.1                | 21st "                 | 92.1                      | 77.5                      | 84.8                    | +3.1                                |
| NORTH BENGAL.           | Rungpore               | Rungpore                | 29.441                          | 29.567                     | —0.126               | E                          | 185                 | 92.8                 | 20th "                 | 71.7                | 20th & 21st June       | 91.2                      | 73.8                      | 82.5                    | +0.6                                |
|                         | Jalpaiguri             | Jalpaiguri              | 29.373                          | 29.558                     | —0.185               | N.E. E.                    | 114.9               | 92.9                 | 10th, 20th "           | 72.8                | 21st "                 | 90.3                      | 70.0                      | 80.2                    | +2.4                                |
|                         | Cooch Behar            | Cooch Behar             | 29.375                          | —                          | —                    | Westerly                   | 104                 | 71.6                 | 20th "                 | 56.1                | 16th "                 | 60.2                      | 50.0                      | 52.9                    | +2.0                                |
|                         | Darjeeling Hill Tracts | Darjeeling              | 29.375                          | —                          | —                    | Westerly                   | 104                 | 71.6                 | 20th "                 | 56.1                | 16th "                 | 60.2                      | 50.0                      | 52.9                    | +2.0                                |
| NORTH BENGAL.           | Faridpur               | Faridpur                | 29.407                          | 29.531                     | —0.124               | E.S.E.                     | 103.8               | 92.3                 | 20th "                 | 71.0                | 21st "                 | 95.2                      | 73.0                      | 84.9                    | +2.0                                |
|                         | Moulvibazar            | Moulvibazar             | 29.318                          | 29.511                     | —0.193               | S.S.E.                     | 98                  | 102.0                | 20th & 21st June       | 74.3                | 22nd "                 | 90.3                      | 62.7                      | 81.5                    | +6.0                                |
|                         | Durgha                 | Durgha                  | 29.270                          | 29.497                     | —0.227               | S.E.                       | 147.7               | 103.9                | 20th "                 | 60.8                | 21st "                 | 103.0                     | 80.9                      | 91.0                    | +0.9                                |
|                         | Chumpra                | Chumpra                 | 29.300                          | 29.497                     | —0.197               | W.N.W.                     | 127.7               | 102.3                | 16th "                 | 82.0                | 17th & 22nd "          | 100.0                     | 81.3                      | 92.1                    | +5.3                                |
| NORTH BENGAL.           | Dakshin                | Dakshin                 | 29.143                          | 29.381                     | —0.238               | W                          | 240.0               | 113.0                | 21st "                 | 80.0                | 17th, 18th & 22nd June | 111.5                     | 89.3                      | 100.3                   | +1.0                                |
|                         | Buzar                  | Buzar                   | 29.258                          | 29.480                     | —0.222               | W                          | 182.0               | 109.0                | 21st "                 | 82.7                | 17th "                 | 107.0                     | 86.7                      | 97.8                    | +4.3                                |
|                         | Arak                   | Arak                    | 29.300                          | 29.480                     | —0.180               | N.W.                       | 102.7               | 111.5                | 21st "                 | 82.8                | 21st "                 | 108.5                     | 86.8                      | 96.4                    | +10.4                               |
|                         | Gya                    | Gya                     | 29.124                          | 29.400                     | —0.276               | W.N.W.                     | 112.5               | 113.0                | 21st & 22nd June       | 74.9                | 16th "                 | 111.3                     | 78.7                      | 95.0                    | +0.4                                |
| SOUTH BENGAL.           | Patna                  | Patna                   | 29.325                          | 29.507                     | —0.182               | North-westerly             | 81.4                | 111.0                | 21st "                 | 62.7                | 17th & 22nd June       | 104.7                     | 86.1                      | 94.6                    | +8.3                                |
|                         | South Bhagulpore       | Bhagulpore              | 29.343                          | 29.505                     | —0.162               | E                          | 91.0                | 102.4                | 20th "                 | 80.0                | 21st "                 | 90.3                      | 83.4                      | 81.0                    | +8.1                                |
|                         | Longchuan              | Longchuan               | 29.017                          | —                          | —                    | South-westerly             | 231.8               | 110.3                | 21st "                 | 81.7                | 17th "                 | 105.9                     | 83.9                      | 94.5                    | —                                   |
|                         | Nazimabad              | Nazimabad               | 27.072                          | 29.486                     | —0.414               | W.N.W.                     | 237.9               | 108.0                | 21st "                 | 80.4                | 17th "                 | 105.1                     | 82.9                      | 94.5                    | +11.4                               |
| SOUTH BENGAL.           | Lohardigha             | Lohardigha              | 27.461                          | 29.481                     | —0.020               | North-westerly             | 164.4               | 107.0                | 22nd "                 | 78.5                | 17th "                 | 106.0                     | 83.5                      | 95.9                    | +14.3                               |
|                         | Manbhoom               | Manbhoom                | 27.732                          | —                          | —                    | S.W.                       | 77.1                | 114.6                | 22nd "                 | 64.7                | 17th "                 | 106.5                     | 83.5                      | 94.2                    | —                                   |
|                         | Chyabaga               | Chyabaga                | 29.230                          | 29.311                     | —0.081               | North-westerly             | 60.0                | 93.0                 | 10th "                 | 76.9                | 17th "                 | 90.0                      | 78.1                      | 86.5                    | +0.5                                |
|                         | Dhubri                 | Dhubri                  | 29.403                          | 29.553                     | —0.150               | Variable                   | 48                  | 97.5                 | 22nd "                 | 72.2                | 20th "                 | 89.8                      | 74.5                      | 86.2                    | +0.5                                |

Explanation. — Summary. — The normal means of air pressure and temperature are the unweighted averages or means of the readings during the same period for the last ten years. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The average the numerical means or average of the readings in that district determined from the records sent in by the sub-divisional stations for the period in question during the month in the district pending in return by the sub-divisional stations. A rainy day is one on which at least hundredth of an inch fell.



Friday, the 22nd of June 1888.

| DISTRICT OBSERVATIONS. |                     |                |              |                    |              |            |                             |              |            |                               |                              |               |                         |
|------------------------|---------------------|----------------|--------------|--------------------|--------------|------------|-----------------------------|--------------|------------|-------------------------------|------------------------------|---------------|-------------------------|
| OF WEEK.               | RAINFALL.           |                |              |                    |              |            |                             |              |            |                               |                              |               |                         |
|                        | Since 1st of month. |                |              |                    |              |            | Since Mar 1 <sup>st</sup> . |              |            |                               |                              |               | Representative Station. |
|                        | Obs.                | Mean district. | Normal mean. | Mean for district. | Normal mean. | Variation. | Mean for district.          | Normal mean. | Variation. | Average number of rainy days. | Normal number of rainy days. | District.     |                         |
| 4 <sup>th</sup>        | 0.05                | 0.20           | 2.12         | 1.47               | 4.80         | -3.33      | 8.24                        | 0.22         | -8.02      | 1.8                           | 8.0                          | Poores        | Central Division.       |
| 5 <sup>th</sup>        | 0.03                | —              | —            | —                  | —            | —          | —                           | —            | —          | —                             | —                            | Gopalpore     |                         |
| 6 <sup>th</sup>        | 0.00                | —              | —            | —                  | —            | —          | —                           | —            | —          | —                             | —                            | Pala Point    |                         |
| 7 <sup>th</sup>        | 0.11                | 0.30           | 3.00         | 1.58               | 5.77         | -4.19      | 3.83                        | 7.80         | -4.03      | 1.0                           | 3.0                          | Outback       |                         |
| 8 <sup>th</sup>        | Nil.                | 2.04           | 1.29         | 5.38               | -4.09        | 6.50       | 5.39                        | -1.48        | 0.0        | 0.0                           | 3.2                          | Bahamre       | South-West Division.    |
| 9 <sup>th</sup>        | 0.08                | 2.50           | 0.71         | 0.81               | -0.12        | 3.08       | 3.03                        | -0.45        | 0.3        | 0.3                           | 5.6                          | Seavoy Island |                         |
| 10 <sup>th</sup>       | 0.07                | 2.03           | 2.13         | 0.60               | -1.73        | 4.97       | 0.02                        | -4.05        | 0.03       | 3.4                           | 3.4                          | Midnapore     |                         |
| 11 <sup>th</sup>       | 0.00                | 2.74           | 4.30         | 7.62               | -3.02        | 7.70       | 10.00                       | -2.30        | 0.7        | 4.0                           | 4.0                          | Calcutta      |                         |
| 12 <sup>th</sup>       | Nil.                | 2.20           | 3.79         | 6.47               | -2.08        | 6.40       | 2.98                        | -3.50        | 0.0        | 3.7                           | 3.7                          | Hardwar       | North-West Division.    |
| 13 <sup>th</sup>       | Nil.                | 3.18           | 2.08         | 7.36               | -0.18        | 4.28       | 0.28                        | -4.72        | 0.0        | 4.6                           | 4.6                          | Bankura       |                         |
| 14 <sup>th</sup>       | 0.00                | 3.09           | 3.78         | 6.90               | -0.12        | 4.52       | 8.38                        | -4.36        | 1.2        | 4.1                           | 4.1                          | Hamirpore     |                         |
| 15 <sup>th</sup>       | 0.14                | 2.73           | 3.38         | 6.77               | -3.33        | 6.38       | 9.36                        | -4.70        | 0.3        | 3.9                           | 3.9                          | Berhampore    |                         |
| 16 <sup>th</sup>       | 0.14                | 2.40           | 2.53         | 7.63               | -0.30        | 6.46       | 11.11                       | -0.07        | 0.4        | 4.0                           | 4.0                          | Rajshahpur    | East Division.          |
| 17 <sup>th</sup>       | 0.31                | 3.38           | 3.78         | 9.10               | -0.77        | 4.83       | 12.78                       | -7.95        | 0.4        | 4.5                           | 4.5                          | Samara        |                         |
| 18 <sup>th</sup>       | Nil.                | 0.06           | 8.07         | 3.06               | 21.31        | -18.25     | -12.42                      | 27.40        | -15.07     | 1.0                           | 8.0                          | Chittagong    |                         |
| 19 <sup>th</sup>       | Nil.                | Nil.           | 0.77         | 3.17               | 14.23        | -11.06     | -1.03                       | 18.12        | -19.15     | 0.0                           | 0.4                          | Dumaguri      |                         |
| 20 <sup>th</sup>       | 0.20                | 7.54           | 0.15         | 21.00              | 15.85        | -10.10     | 25.81                       | -10.71       | 2.0        | 6.3                           | 6.3                          | Nankhally     | East Division.          |
| 21 <sup>th</sup>       | 0.06                | 2.74           | 2.47         | 0.58               | -0.34        | 0.00       | 13.00                       | -8.30        | 0.3        | 4.0                           | 4.0                          | Purandarpore  |                         |
| 22 <sup>th</sup>       | 0.43                | 0.30           | 3.00         | 4.05               | 0.05         | -4.00      | 0.21                        | 33.82        | -4.01      | 1.0                           | 5.0                          | Dacca         |                         |
| 23 <sup>th</sup>       | 0.00                | 0.14           | 4.27         | 0.13               | 13.13        | -13.00     | 12.30                       | -12.47       | -0.11      | 1.0                           | 6.8                          | Comilla       |                         |
| 24 <sup>th</sup>       | 1.37                | 1.51           | 3.02         | 0.25               | 12.08        | -11.83     | 10.04                       | 17.38        | -7.31      | 2.0                           | 4.8                          | Sylhet        | East Division.          |
| 25 <sup>th</sup>       | 0.43                | 0.16           | 2.70         | 3.01               | 0.17         | -2.86      | 13.01                       | 13.01        | -0.00      | 0.8                           | 4.0                          | Rangpur       |                         |
| 26 <sup>th</sup>       | 0.16                | 0.11           | 2.58         | 3.01               | 8.01         | -5.10      | 0.76                        | 12.42        | -2.44      | 1.0                           | 4.0                          | Sherpore      |                         |
| 27 <sup>th</sup>       | Nil.                | Nil.           | 2.40         | 3.15               | 7.23         | -4.08      | 0.01                        | 10.00        | -8.50      | 0.0                           | 2.6                          | Rangpur Boudh |                         |
| 28 <sup>th</sup>       | Nil.                | Nil.           | 2.03         | 0.70               | 7.73         | -0.49      | 3.21                        | 10.57        | -7.35      | 0.0                           | 4.0                          | Maddah        | East Division.          |
| 29 <sup>th</sup>       | 2.56                | 0.71           | 4.00         | 3.48               | 10.16        | -2.18      | 10.30                       | 14.44        | -0.96      | 1.0                           | 4.1                          | Dumaguri      |                         |
| 30 <sup>th</sup>       | 3.89                | 4.18           | 0.21         | 6.90               | 10.08        | -0.77      | 18.17                       | 23.02        | -4.85      | 4.0                           | 4.0                          | Rangpur       |                         |
| 1 <sup>st</sup>        | 1.40                | 0.39           | 6.12         | 1.20               | 12.37        | -0.07      | 22.08                       | 34.58        | -0.70      | 6.0                           | 2.7                          | Jalpaiguri    |                         |
| 2 <sup>nd</sup>        | 0.71                | 0.70           | 0.86         | 11.88              | 20.07        | -0.30      | 10.01                       | 27.07        | -17.06     | 4.0                           | 0.5                          | Darjeeling    | North Division.         |
| 3 <sup>rd</sup>        | 0.00                | 0.51           | 3.50         | 3.21               | 8.03         | -4.82      | 8.36                        | 11.11        | -2.75      | 1.0                           | 3.0                          | Patna         |                         |
| 4 <sup>th</sup>        | Nil.                | 0.14           | 2.78         | 5.21               | -2.40        | 6.10       | 6.05                        | -0.05        | 0.0        | 2.4                           | 2.4                          | Monroville    |                         |
| 5 <sup>th</sup>        | 0.27                | 0.40           | 2.02         | 4.16               | 0.39         | -1.16      | 7.00                        | 6.66         | +0.34      | 0.7                           | 3.0                          | Burdwan       |                         |
| 6 <sup>th</sup>        | 0.00                | 0.40           | 2.03         | 2.44               | 0.10         | -1.76      | 4.00                        | 6.04         | -1.04      | 1.0                           | 2.7                          | Mohamud       | North Division.         |
| 7 <sup>th</sup>        | Nil.                | 0.00           | 1.07         | 1.23               | 2.03         | -0.81      | 2.11                        | 4.73         | -2.62      | 0.3                           | 3.0                          | Cumra         |                         |
| 8 <sup>th</sup>        | Nil.                | Nil.           | 1.35         | 0.40               | 2.01         | -2.01      | 1.00                        | 3.43         | -2.43      | 0.0                           | 2.3                          | Bihar         |                         |
| 9 <sup>th</sup>        | Nil.                | Nil.           | 1.70         | 0.08               | 3.20         | -2.04      | 1.00                        | 4.00         | -3.00      | 0.0                           | 2.3                          | Patna         |                         |
| 10 <sup>th</sup>       | Nil.                | Nil.           | 2.30         | 0.03               | 3.70         | -2.74      | 1.02                        | 6.10         | -5.08      | 0.0                           | 2.6                          | Rangpur       | North Division.         |
| 11 <sup>th</sup>       | Nil.                | Nil.           | 2.53         | 1.50               | 4.44         | -2.94      | 3.43                        | 6.00         | -2.57      | 0.0                           | 3.1                          | Rangpur       |                         |
| 12 <sup>th</sup>       | Nil.                | 0.01           | 3.00         | 1.03               | 6.01         | -4.98      | 8.28                        | 2.45         | -5.83      | 0.0                           | 3.8                          | Patna         |                         |
| 13 <sup>th</sup>       | Nil.                | Nil.           | 2.60         | 0.85               | 5.68         | -0.10      | 0.00                        | 7.23         | -7.23      | 0.0                           | 2.4                          | Rangpur       |                         |
| 14 <sup>th</sup>       | 0.00                | Nil.           | 2.07         | 0.77               | 4.07         | -0.10      | 1.70                        | 6.28         | -5.10      | 0.0                           | 4.1                          | Rangpur       | North Division.         |
| 15 <sup>th</sup>       | 0.01                | 2.20           | 1.01         | 5.24               | -4.00        | 8.15       | 7.00                        | -4.00        | 0.0        | 4.2                           | 4.2                          | Rangpur       |                         |
| 16 <sup>th</sup>       | 0.00                | Nil.           | 2.22         | 1.07               | 4.07         | -0.07      | 5.74                        | 8.21         | -4.67      | 0.0                           | 4.3                          | Rangpur       |                         |
| 17 <sup>th</sup>       | 0.00                | Nil.           | 2.22         | 1.07               | 4.07         | -0.07      | 5.74                        | 8.21         | -4.67      | 0.0                           | 4.3                          | Rangpur       |                         |

When the mean for the week is less than the corresponding normal mean, and positive when it is more, the number of days covered, the whole day being counted as 1. Under the head Nil, the figures are the maximum average of the rainfall received in any one day.

Less of rainfall for normal mean at rainfall at the day of week.

# SUPPLEMENT TO THE CALCUTTA GAZETTE, JUNE 27, 1883.

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd of

| Meteorological division. | District.       | Station.        | RAINFALL.            |                    |                    |                     |                       |                      |                    | TOTAL.                |          | Total rain-fall since 1st of month. | Average total rain-fall from 1st of month. | 1882. |
|--------------------------|-----------------|-----------------|----------------------|--------------------|--------------------|---------------------|-----------------------|----------------------|--------------------|-----------------------|----------|-------------------------------------|--|-------|
|                          |                 |                 | Saturday, 16th June. | Sunday, 17th June. | Monday, 18th June. | Tuesday, 19th June. | Wednesday, 20th June. | Thursday, 21st June. | Friday, 22nd June. | Number of rainy days. | of inch. |                                     |  |       |
| Orissa.                  | Purora          | Purora          | 0.38                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.71                                | 4.87                                       | 5.14  |
|                          |                 | Khandah         | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 2.00                                | 5.82                                       | 5.82  |
|                          |                 | Bahpur          | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 2.00                                | 5.82                                       | 5.82  |
|                          |                 | Pala Point      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 3.97                                       | 3.97  |
|                          |                 | Gop             | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 3.97                                       | 3.97  |
|                          | Cuttack         | Jagatsinghpore  | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 3.78                                       | 3.78  |
|                          |                 | Berik           | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.70                                | 5.08                                       | 5.08  |
|                          |                 | Cuttack         | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.70                                | 7.41                                       | 7.41  |
|                          |                 | Kendrapara      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.70                                | 5.38                                       | 5.38  |
|                          |                 | Jajpur          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.40                                | 5.78                                       | 5.78  |
| North-West Bengal.       | Balasore        | Dharmasala      | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 4.70                                | 5.78                                       | 5.78  |
|                          |                 | Balipore        | 0.10                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 4.70                                | 5.78                                       | 5.78  |
|                          |                 | Chandoli        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 4.90                                       | 4.90  |
|                          |                 | Bhadrach        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 5.41                                       | 5.41  |
|                          |                 | Borah           | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 5.41                                       | 5.41  |
|                          | Midnapore       | Jalisco         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.70                                | 5.41                                       | 5.41  |
|                          |                 | Jalisco         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.70                                | 5.41                                       | 5.41  |
|                          |                 | Baripodah       | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 1.70                                | 5.41                                       | 5.41  |
|                          |                 | Contai          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 5.41                                       | 5.41  |
|                          |                 | Saugor Island   | 0.24                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.24     | 0.70                                | 5.41                                       | 5.41  |
| 24-Pargannahs.           | Diamond Harbour | Diamond Harbour | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Canning Thero   | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Alipore Jail    | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Barrackpore     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Dum Dum         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Howrah          | Howrah          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Mohamuda        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | (Gaidarhat.)    | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Baranpore       | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Howrah          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
| Burdwan.                 | Burdwan         | Burdwan         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Burdwan         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Burdwan         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Burdwan         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Burdwan         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Bankura         | Bankura         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bankura         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bankura         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bankura         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bankura         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
| Bachchan.                | Bachchan        | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Nadua           | Nadua           | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Nadua           | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Nadua           | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Nadua           | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Nadua           | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
| Koocha.                  | Koocha          | Koocha          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Koocha          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Koocha          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Koocha          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Koocha          | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Jessore         | Jessore         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Jessore         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Jessore         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Jessore         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Jessore         | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
| Moorsadabad.             | Moorsadabad     | Moorsadabad     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Moorsadabad     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Moorsadabad     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Moorsadabad     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Moorsadabad     | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Chittagong      | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
| East Bengal.             | Chittagong      | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Chittagong      | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Chittagong      | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
| Bachchan.                | Bachchan        | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          |                 | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |
|                          | Bachchan        | Bachchan        | 0.00                 | 0.00               | 0.00               | 0.00                | 0.00                  | 0.00                 | 0.00               | 0                     | 0.00     | 0.00                                | 7.14                                       | 7.14  |

in Bengal for the week ending Friday (6 p.m.) the 22nd of June 1933—contd.

[illegible]

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd

| Meteorological Division. | District.       | Station.           | RAINFALL.            |                    |                    |                     |                       |                      |                    | TOTAL.                |                   | Total rain fall since 1st month. | 51st 52nd 1st |
|--------------------------|-----------------|--------------------|----------------------|--------------------|--------------------|---------------------|-----------------------|----------------------|--------------------|-----------------------|-------------------|----------------------------------|---------------|
|                          |                 |                    | Saturday, 16th June. | Sunday, 17th June. | Monday, 18th June. | Tuesday, 19th June. | Wednesday, 20th June. | Thursday, 21st June. | Friday, 22nd June. | Number of rainy days. | of Rainfall inch. |                                  |               |
| North Bengal. Concluded. | SARAI           | Gopalpur...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | 0.22               | 1                     | 0.98              | 1.75                             |               |
|                          |                 | Bowen...           | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.81                             |               |
|                          |                 | Ch. pur...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.12                             |               |
|                          |                 | Buxar...           | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.70                             |               |
|                          |                 | Buxar...           | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.22                             |               |
|                          |                 | Barabanki...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.22                             |               |
|                          |                 | Barabanki...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.52                             |               |
|                          |                 | Arran...           | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.77                             |               |
|                          |                 | Arran...           | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.10                             |               |
|                          |                 | Mohania...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Gya             | Aurangabad...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.43                             |               |
|                          |                 | Gya...             | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.04                             |               |
|                          |                 | Nuwabad...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.12                             |               |
|                          |                 | Jehanabad...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.91                             |               |
|                          |                 | Arwal...           | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.16                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.20                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Fulbari         | Purnea...          | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.81                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.11                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.10                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.20                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.90                             |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Barh...            | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Monghyr         | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.48                             |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.21                             |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.42                             |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Monghyr...         | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | South Bhagalpur | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.72                             |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.41                             |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | South Bhagalpur... | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Bhagalpur       | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.38                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.48                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.30                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.07                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.92                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.53                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.47                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.98                             |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Bhagalpur...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Kamarkhand      | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.41                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
|                          |                 | Kamarkhand...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.40                             |               |
| North Bengal. Continued. | Lohardugga      | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.28                             |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.20                             |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.20                             |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Lohardugga...      | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Binghoom        | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.07                             |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.43                             |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Binghoom...        | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
| North Bengal. Continued. | Nanduboom       | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 1.28                             |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | 0.44                             |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |
|                          |                 | Nanduboom...       | ...                  | ...                | ...                | ...                 | ...                   | ...                  | ...                | ...                   | ...               | ...                              |               |

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If a significant, the corresponding space in the total rainfall column is left blank.

CALCUTTA, the 26th June 1888.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS  
TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 22<sup>ND</sup> OF  
JUNE 1888.**

THE general meteorological conditions which had obtained over the province during the previous week have continued throughout the present week. Temperature has been excessive, pressure has been unusually low, humidity has been generally high, while except in North Bengal and Assam heavy rainfall has been almost absent, though a few light showers have been reported in all divisions except South Behar and Chutia Nagpur. The changes of meteorological conditions from day to day have been small, and have in no way altered the general character of the weather; and up to the close of the week the monsoon current from the Bay of Bengal had not found its way over Bengal, but it was still being deflected in an easterly direction and was giving heavy rain to Assam and Burma. The wind systems blowing in Bengal were practically unaltered throughout the week. Strong southerly winds were blowing at the southern stations, south-easterly winds in East Bengal, easterly and north-easterly winds in Assam, North Bengal, and North Behar; while westerly and even north-westerly winds have been blowing in West Behar and Chutia Nagpur; and finally, south-westerly winds have been blowing in Orissa and at the neighbouring stations of South-West Bengal. This distribution has been practically the same as that which obtains during a great part of the hot season. At the head of the Bay winds have been strong, but elsewhere they have only been of moderate velocity.

A remarkable feature during the past one or two months has been the persistence of easterly winds at Akyah, wind frequently varying from east-south-east to north-east, and this would almost appear to show indelught towards the sea area off the Arakan and Pegu coasts. It may also possibly indicate the existence of a persistent feeble area of low pressure over this part of the Bay, which may be causing the monsoon to be deflected towards the Burma coast and the eastern districts generally, and which may also be possibly causing heavy rainfall in the Bay. The persistence with which heavy rain has been received in Burma during the week, while almost the whole of Bengal has been practically rainless, is shown in the following small table:—

*Burma Rainfall from 16th to 22nd June 1888.*

| STATIONS.      | 16th June. | 17th June. | 18th June. | 19th June. | 20th June. | 21st June. | 22nd June. | Total for week. |
|----------------|------------|------------|------------|------------|------------|------------|------------|-----------------|
| Akyah          | 0.47       | 1.03       | 1.00       | 2.54       | 0.62       | 2.19       | 0.41       | 8.26            |
| Diamond Island | 0.48       | 1.05       | 5.43       | 1.03       | 0.39       | 2.33       | Nil        | 11.31           |
| Bassein        | Nil        | 5.46       | 1.34       | 0.35       | 2.17       | 1.41       | 0.35       | 11.32           |
| Rangoon        | 0.05       | 1.00       | 0.01       | Nil        | 1.41       | 2.01       | 1.00       | 6.58            |
| Moulmein       | 1.23       | 0.94       | 1.19       | 0.63       | 0.44       | 2.05       | 1.70       | 7.38            |
| Tavoy          | 0.12       | 1.41       | 3.37       | 2.71       | •          | •          | •          | •               |

\* Telegrams not received.

Thus moderate to heavy rain has been received at almost every station in Burma from which reports are received on every day of the week, and at some stations between eleven and twelve inches has been received in this period.

**Pressure.**—The general variations of pressure throughout the week have been of the ordinary oscillatory nature, and for the whole week pressure has been below the normal. Taking into consideration only those stations from which reports have been received for a number of years, and which therefore yield reliable averages, pressure in Bengal has been below the normal by 0.06 inch. In Assam the defect has been almost similar, and it equals 0.061 inch. The general defect has been also fairly equally distributed, though the defect has been absolutely largest in South-West Bengal and smallest in Chutia Nagpur.

**Temperature.**—The most prominent feature of the whole week has undoubtedly been the excessive and anomalous record of temperature. In Chutia Nagpur the average temperature for the week has been no less than 13.2° in excess of the normal temperature as derived from the records of former years, while in South Behar the excess has equalled 10°. In South-West Bengal this excess has been 7.7°, and in Orissa 6.2°. North Behar shows an excess of 4.9°, while in North and East Bengal the excess has been from 2.5° to 1.7°. In Assam, on the other hand, temperature has been practically normal; that is to say, the excess temperatures have been confined mainly to the western and south-western districts. Extremely high maximum temperatures have also been generally recorded throughout the week at the western stations, and on most days several stations have recorded temperatures of 105° and upwards. The highest temperature actually recorded during the week was 113.6° at Gya. It must also be remembered that these excessive temperatures have been accompanied by decidedly high humidities at all stations except those in the extreme west of the province.

**Rainfall.**—The only rainfall of importance during the week in the province has been recorded in North Bengal, and this division has received an average of 2.33 inches. Though this fall is important, it is really only half as large as the normal fall for the period. The next largest fall is of half an inch in East Bengal, or about a tenth of the usual fall. Orissa, South-West Bengal and North Behar have received falls which vary from a little more than one-tenth up to about three-tenths of an inch, and the falls are generally about a tenth of the normal fall. In South Behar and Chutia Nagpur absolutely no rain has fallen during the week. In Assam the following amounts have been received:—Silchar 8.24 inches, Dhubri 7.96 inches, and Sibsagar 2.23 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 22nd of June 1888:—

| METEOROLOGICAL<br>DIVISIONS. | TEMPERATURE.                  |                              |                         |                        |                       |          |  | RAINFALL.       |            |                         |                                |            |          |                     |          |                 |  |
|------------------------------|-------------------------------|------------------------------|-------------------------|------------------------|-----------------------|----------|--|-----------------|------------|-------------------------|--------------------------------|------------|----------|---------------------|----------|-----------------|--|
|                              | Highest observed during week. | Lowest observed during week. | Averages for week.      |                        |                       |          | Average mean of week above or below normal mean of week. | Of week.        |            |                         | Rainy days.                    |            |          | Since 1st of month. |          | Since 1st May.  |  |
|                              |                               |                              | Of highest of each day. | Of lowest of each day. | Of mean for each day. | Average. |  | Normal average. | Variation. | Average number in week. | Normal average number in week. | Variation. | Average. | Normal average.     | Average. | Normal average. |  |
|                              |                               |                              |                         |                        |                       |          |  |                 |            |                         |                                |            |          |                     |          |                 |  |
|                              |                               |                              |                         |                        |                       |          |  |                 |            |                         |                                |            |          |                     |          |                 |  |
| Orissa                       | 111.4                         | 70.5                         | 97.5                    | 83.1                   | 80.3                  | +6.2     | 0.16   | 2.34            | -2.18      | 0.7                     | 3.3                            | -3.1       | 1.35     | 5.37                | 3.97     | 7.56            |  |
| South-West Bengal            | 112.0                         | 77.5                         | 100.1                   | 82.0                   | 83.0                  | +7.7     | 0.23   | 2.18            | -1.95      | 0.5                     | 4.0                            | -3.5       | 3.18     | 7.53                | 5.35     | 10.35           |  |
| East Bengal                  | 99.0                          | 72.6                         | 81.3                    | 80.4                   | 83.8                  | +3.3     | 0.50   | 4.60            | -4.10      | 1.9                     | 7.1                            | -5.1       | 4.54     | 13.86               | 10.35    | 16.18           |  |
| North Bengal                 | 103.7                         | 71.1                         | 83.7                    | 77.8                   | 83.4                  | +2.6     | 2.35   | 4.75            | -2.40      | 2.3                     | 4.3                            | -2.0       | 6.60     | 12.85               | 13.84    | 18.45           |  |
| North Bihar                  | 105.8                         | 69.3                         | 89.4                    | 80.7                   | 80.1                  | +4.9     | 0.30   | 2.54            | -2.24      | 0.8                     | 3.1                            | -2.3       | 2.85     | 6.80                | 5.83     | 7.08            |  |
| South Bihar                  | 113.4                         | 74.3                         | 107.6                   | 84.3                   | 86.0                  | +10.3    | Nil.   | 3.16            | -2.18      | 0.0                     | 3.0                            | -3.0       | 1.03     | 4.13                | 2.30     | 5.73            |  |
| Chittagong                   | 103.0                         | 78.3                         | 104.0                   | 83.7                   | 84.2                  | +13.2    | Nil.   | 2.63            | -2.02      | 0.0                     | 3.3                            | -3.3       | 0.71     | 5.35                | 1.03     | 7.03            |  |
| Assam                        | 98.6                          | 71.3                         | 80.5                    | 75.7                   | 82.6                  | +0.2     |  |                 |            |                         |                                |            |          |                     |          |                 |  |

\* Chyebama not included.

METEOROLOGICAL OFFICE, BENGAL;

The 26th June 1888.

A. PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 17th to 23rd June 1888.

| MONTH. | Date. | TEMPERATURE. |          |        |          | Mean wet bulb. | HYGROMETRY.     |            |           | Rain.   |
|--------|-------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|---------|
|        |       | Mean.        | Maximum. | Range. | Minimum. |                | Vapour tension. | Dew point. | Humidity. |         |
| 1888.  |       | "            | "        | "      | "        | "              | Inches.         | "          | %         | Inches. |
| June   | 17th  | 90.1         | 103.0    | 23.2   | 80.8     | 81.7           | .970            | 79.3       | 68        | 1.03    |
| "      | 18th  | 92.3         | 104.0    | 20.3   | 83.7     | 83.2           | 1.014           | 79.7       | 67        |         |
| "      | 19th  | 88.9         | 101.5    | 21.4   | 80.1     | 81.5           | .977            | 78.6       | 71        |         |
| "      | 20th  | 89.5         | 103.0    | 22.3   | 80.4     | 80.8           | .924            | 76.8       | 60        |         |
| "      | 21st  | 90.0         | 100.5    | 17.2   | 83.3     | 82.4           | 1.008           | 78.4       | 71        |         |
| "      | 22nd  | 89.3         | 98.0     | 14.2   | 83.8     | 83.2           | 1.055           | 80.9       | 77        |         |
| "      | 23rd  | 84.9         | 95.3     | 19.5   | 75.8     | 81.0           | 1.036           | 80.3       | 88        |         |

The mean temperature of the seven days

The extreme variation of temperature

The maximum temperature

The mean relative humidity

The total fall of rain from 17th to 23rd June 1888

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 25th June 1888.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

## Results of the Meteorological Observations taken at the Alipore Observatory from 17th to 23rd June 1888.

| Month. | Date. | Miles in sun. | Number of hours of bright sunshine. | Mean pressure barometer at 32° Fahr. | TEMPERATURE. |          |        |          | HYGROMETER.    |                 |            |           | WIND.                 |     | Miles recorded. | Rain.   | WEATHER.                      |
|--------|-------|---------------|-------------------------------------|--------------------------------------|--------------|----------|--------|----------|----------------|-----------------|------------|-----------|-----------------------|-----|-----------------|---------|-------------------------------|
|        |       |               |                                     |                                      | Mean.        | Maximum. | Range. | Minimum. | Mean wet bulb. | Vapour tension. | Dew point. | Humidity. | Prevailing direction. |     |                 |         |                               |
| 1888.  |       |               |                                     | Inches.                              | °            | °        | °      | °        | °              | Inches          | °          | %         |                       |     |                 | Inches. |                               |
| June   | 17th  | 153.5         | 9.2                                 | 29.401                               | 80.9         | 101.5    | 21.3   | 80.2     | 81.7           | 0.962           | 78.1       | 68        | SNW                   | ... | 180             | Nil     | Partly cloudy.                |
| "      | 18th  | 164.0         | 8.5                                 | 481                                  | 81.5         | 102.5    | 19.1   | 83.4     | 82.3           | .979            | 78.0       | 68        | SSW and variable      | ... | 151             | "       | Chiefly cloudy<br>o, u, t, <. |
| "      | 19th  | 154.3         | 4.2                                 | 446                                  | 80.9         | 99.7     | 21.0   | 78.7     | 84.1           | 1.092           | 81.5       | 75        | S by W and SSE        | ... | 148             | "       | Chiefly cloudy,<br>o.         |
| "      | 20th  | 153.3         | 8.1                                 | 448                                  | 81.3         | 101.5    | 19.2   | 82.3     | 84.0           | 1.068           | 81.3       | 74        | S and SSE             | ... | 186             | "       | Partially cloudy.             |
| "      | 21st  | 164.1         | 8.0                                 | 495                                  | 80.7         | 99.4     | 18.8   | 82.6     | 83.7           | 1.065           | 81.3       | 75        | SSE and S             | ... | 213             | "       | Partially cloudy,<br>o.       |
| "      | 22nd  | 145.0         | Nil.                                | 537                                  | 80.0         | 98.7     | 13.4   | 83.5     | 83.3           | 1.049           | 80.7       | 75        | S, SSW and SSE        | ... | 232             | "       | Cloudy, o.                    |
| "      | 23rd  | 147.3         | "                                   | 557                                  | 81.2         | 94.5     | 12.3   | 75.2     | 82.1           | 1.030           | 80.1       | 80        | SSW and variable      | ... | 55              | 0.58    | Cloudy, o, u, p,<br>t, <      |

The mean pressure of the seven days ... 29.486  
The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.524

The total number of hours of bright sunshine ... 32.7  
The maximum possible number of hours of sunshine ... 94.4

The mean temperature of the seven days ... 80.4  
The average temperature of the corresponding period for 24 years, S. G.'s Office ... 84.2  
The extreme variation of temperature ... 27.3  
The maximum temperature ... 102.5

The highest velocity of the wind in one hour ... 17  
The highest pressure of wind on one square foot ... 7

The mean relative humidity ... 74  
The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 84

The total fall of rain from 17th to 23rd June 1888 ... 0.58  
The average fall of the corresponding period for 24 years, S. G.'s Office ... 3.39  
The total fall from 1st January to 23rd June 1888 ... 15.31  
The average fall of the corresponding period for 24 years, S. G.'s Office ... 18.71

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.  
The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 56, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, p passing temporary showers, < lighting, d dust-storm.

A. PEDLER,

For Off. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Calcutta, the 25th June 1888.

## MEMORANDUM.

The table appended to this memorandum shows—

1. That during the month of April 1888 the deaths of 131,952 persons were recorded in the districts in Bengal among a population of 66,163,384, yielding a death-rate of 25.38 per 1,000 per annum against 21 per 1,000 in the preceding month and 22.89 per 1,000 in the corresponding month of the past year, indicating, as compared with both the periods, a fair advance in the number of deaths recorded.

2. That the highest casualty-rates were returned from the undermentioned districts:—

| Districts.    | Ratio per mille. | Districts.  | Ratio per mille. |
|---------------|------------------|-------------|------------------|
| Darjiling     | 44.88            | Manbhum     | 29.88            |
| Jalpaiguri    | 41.28            | Bogra       | 29.40            |
| Khulna        | 38.52            | Maldah      | 29.14            |
| Rajshahye     | 36.64            | Murshidabad | 28.80            |
| Dinajpur      | 34.92            | Chittagong  | 28.68            |
| Backerganj    | 33.00            | Nuddea      | 28.08            |
| Jessore       | 32.88            | Mymensing   | 28.08            |
| Rangpore      | 32.88            | Monghyr     | 26.18            |
| Birbhum       | 32.52            | Serampore   | 26.04            |
| Pubna         | 31.20            | Howrah      | 25.68            |
| Hazaribagh    | 30.60            | Hughli      | 25.56            |
| 24 Pargunnahs | 30.48            | Midnapore   | 25.20            |

3. That in comparison with the casualties of the corresponding month of the past year the mortality from fever had increased to a noticeable extent, the death-rate from injury was stationary, and there were no noticeable differences in fatal results from the other diseases—*cide* figures given below:—

|                  | Ratio per mille during— |             |
|------------------|-------------------------|-------------|
|                  | April 1888.             | April 1887. |
| Cholera          | 3.12                    | 3.12        |
| Small-pox        | .12                     | .10         |
| Fever            | 16.08                   | 15.10       |
| Bowel-complaints | .84                     | .72         |
| Injury           | .24                     | .24         |
| Other causes     | 3.24                    | 2.76        |

4. That while the following districts returned conspicuously high mortality from cholera, fever and the maladies coming under the head of "Other causes," the rest did not display any noticeable severity from the other diseases specified above, excepting Chumpran, where 2.04 per 1,000 of the population died from small-pox:—

| Cholera.      | Ratio per mille. | Fever.      | Ratio per mille. | Other causes. | Ratio per mille. |
|---------------|------------------|-------------|------------------|---------------|------------------|
| Khulna        | 17.04            | Jalpaiguri  | 37.44            | Puri          | 10.68            |
| Backerganj    | 11.16            | Dinajpur    | 32.76            | Tipperah      | 10.44            |
| Jessore       | 10.44            | Darjiling   | 28.20            |               |                  |
| Chittagong    | 9.36             | Rajshahye   | 27.12            |               |                  |
| Paridpore     | 9.12             | Pubna       | 27.12            |               |                  |
| 24 Pargunnahs | 8.16             | Bogra       | 26.68            |               |                  |
| Manbhum       | 8.04             | Murshidabad | 25.08            |               |                  |
| Rajshahye     | 6.84             | Maldah      | 24.84            |               |                  |
| Rangpore      | 6.60             | Hazaribagh  | 24.24            |               |                  |
| Serampore     | 6.12             | Rangpore    | 24.12            |               |                  |
| Howrah        | 4.82             | Birbhum     | 23.52            |               |                  |
| Puri          | 3.84             | Monghyr     | 21.00            |               |                  |
| Balasore      | 3.72             | Nuddea      | 20.76            |               |                  |
| Bankura       | 3.48             | Purneah     | 20.40            |               |                  |
| Darjiling     | 3.36             | Jessore     | 20.28            |               |                  |
| Nuddea        | 3.24             | Noakhali    | 20.28            |               |                  |
| Mymensing     | 3.24             |             |                  |               |                  |
| Hughli        | 3.12             |             |                  |               |                  |
| Tipperah      | 3.00             |             |                  |               |                  |
| Maldah        | 3.00             |             |                  |               |                  |
| Noakhali      | 2.88             |             |                  |               |                  |
| Burdwan       | 2.64             |             |                  |               |                  |
| Pubna         | 2.28             |             |                  |               |                  |
| Midnapore     | 2.04             |             |                  |               |                  |

5. That under the heads of *Sex*, *Class* and *Age*, the mortality stood as follows:—

| According to Sex.                               | Ratio per mille. | According to Class. | Ratio per mille. | According to Age.    | Ratio per mille. |
|---|------------------|---------------------|------------------|----------------------|------------------|
| Males   | 26.76            | Christians          | 15.96            | Under 1 year         | 171.84           |
| Females   | 21.00            | Hindus              | 22.32            | 1 and under 5 years  | 29.04            |
| Ratio of male deaths to every 100 female deaths | 125              | Mahomedans          | 27.00            | 5 " " 10 "           | 12.96            |
|   |                  | Budhists            | 17.04            | 10 " " 15 "          | 10.92            |
|   |                  | Other classes       | 24.24            | 15 " " 20 "          | 16.26            |
|   |                  |                     |                  | 20 " " 30 "          | 16.08            |
|   |                  |                     |                  | 30 " " 40 "          | 19.24            |
|   |                  |                     |                  | 40 " " 50 "          | 22.20            |
|   |                  |                     |                  | 50 " " 60 "          | 30.12            |
|   |                  |                     |                  | 60 years and upwards | 42.90            |

R. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 23rd June 1888.



**—Д. МИХАЙЛОВ ИЛИЯНОВ**

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R. LINDBERG, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL.

**The 23rd June 1898,**

MEMORANDUM.

From the annexed table, exhibiting the vital statistics of the principal Municipalities in Bengal for the week ending 9th June 1888, it appears—

1. That the birth-rate in these Municipalities amounted to 18·6 per 1,000 of population, as opposed to 15·8 per 1,000 during the preceding week ending 2nd June, and the death-rate to 20· against very nearly the same proportion, viz., 19·6 per 1,000, indicating a considerable improvement in the registration of the former events.

2. That the following Municipalities returned the highest proportions of births and deaths—

| Births.    |     |                  | Deaths.   |     |                  |
|------------|-----|------------------|-----------|-----|------------------|
|            |     | Ratio per mille. |           |     | Ratio per mille. |
| Burdwan    | ... | 79·3             | Serampore | ... | 43·2             |
| Darjiling  | ... | 45·6             | Gya       | ... | 32·8             |
| Monghyr    | ... | 33·1             | Beaulah   | ... | 31·6             |
| Bhagulpore | ... | 30·8             |           |     |                  |
| Narsinganj | ... | 29·0             |           |     |                  |

3. That the mortality from the specific death-causes stood as follows, in comparison with the similar information for the preceding week :—

|                  |     |     |     |     |     | Ratio per mille during the weeks ending— |                |
|------------------|-----|-----|-----|-----|-----|--|----------------|
|                  |     |     |     |     |     | 9th June 1888.                           | 2nd June 1888. |
| Cholera          | ... | ... | ... | ... | ... | 1·8                                      | 3·0            |
| Small-pox        | ... | ... | ... | ... | ... | ·1                                       | ·1             |
| Fever            | ... | ... | ... | ... | ... | 8·4                                      | 7·0            |
| Bowel-complaints | ... | ... | ... | ... | ... | 2·4                                      | 2·0            |
| Injury           | ... | ... | ... | ... | ... | ·6                                       | ·4             |
| Other causes     | ... | ... | ... | ... | ... | 6·7                                      | 5·3            |

The only noticeable point apparent from the above figures is that there was a decrease of fatal results from cholera, with an increase in that from the maladies coming under the head of "Other causes."

4. That the death-rates from cholera and "Other causes" were greatest in the under-mentioned Municipalities, the rest of the diseases exhibiting no special local severity :—

| Cholera.            |     |                  | Other causes. |     |                  |
|---------------------|-----|------------------|---------------|-----|------------------|
|                     |     | Ratio per mille. |               |     | Ratio per mille. |
| Chittagong          | ... | 11·7             | Serampore     | ... | 21·6             |
| Patna               | ... | 4·6              | Muzafferpore  | ... | 18·2             |
| Howrah              | ... | 2·8              | Beaulah       | ... | 13·1             |
| Gya                 | ... | 2·7              | Dacca         | ... | 13·0             |
| Suburbs of Calcutta | ... | 2·3              |               |     |                  |

5. That the mortality according to Sex, Class and Age stood as shown below :—

| According to Sex.                               |                  | According to Class. |                  | According to Age.    |                  |
|---|------------------|---------------------|------------------|----------------------|------------------|
|   | Ratio per mille. |                     | Ratio per mille. |                      | Ratio per mille. |
| Males   | 19·5             | Christians          | 13·0             | Under 1 year         | 107·2            |
| Females   | 20·5             | Hindus              | 20·1             | 1 and under 5 years  | 29·4             |
| Ratio of male deaths to every 100 female deaths | 108              | Mahomedans          | 19·9             | 5 " 10 "             | 7·5              |
|   |                  | Other classes       | 36·4             | 10 " 15 "            | 9·0              |
|   |                  |                     |                  | 15 " 20 "            | 11·6             |
|   |                  |                     |                  | 20 " 30 "            | 13·0             |
|   |                  |                     |                  | 30 " 40 "            | 15·0             |
|   |                  |                     |                  | 40 " 50 "            | 12·0             |
|   |                  |                     |                  | 50 " 60 "            | 20·2             |
|   |                  |                     |                  | 60 years and upwards | 40·1             |

R. LIDDERDALE, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.

The 23rd June 1888.

**Statement showing the Results of the Registration of Births and Deaths in the Principal Metropolitan Area during the year ending 31st June 1955.**

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activity was recently taken, as the extent of this section of the community, taken in February 1961, was not reliable owing to the Europeans being at a minimum in that month. The number of visitors have consequently been tabulated on the revised population under all heads in the above table except "dow," the relative under which have been omitted, inasmuch as the census of 1961 leading to the results of the Census Board and thus need not have been resorted under the authorized form of an enumeration.



## CIRCULAR AND EASTERN CANALS

*Approximate return of traffic for the week ending Saturday, the 23rd June 1888,  
as compared with the corresponding week of the previous year.*

| NATURE OF CARGO. | WEEK ENDING SATURDAY, THE<br>23RD JUNE 1888. |                     |          | WEEK ENDING SATURDAY, THE<br>23RD JUNE 1887. |                     |          |
|------------------|--|---------------------|----------|--|---------------------|----------|
|                  | Number of<br>boats.                          | Weight of<br>cargo. | Tollage. | Number of<br>boats.                          | Weight of<br>cargo. | Tollage. |
|                  | No.  | Mds.                | Rs. *    | No.  | Mds.                | Rs.      |
| Rice and paddy   | 285  | 71,370              | 1,181    | 355  | 55,860              | 955      |
| Jute             | 8  | 4,350               | 81       | 13   | 5,900               | 100      |
| Firewood         | 77   | 45,075              | 642      | 92   | 45,900              | 659      |
| Other articles   | 665  | 1,89,800            | 2,806    | 824  | 2,33,140            | 3,378    |
| Total            | 1,035  | 2,10,555            | 4,689    | 1,284  | 3,40,800            | 5,083    |

## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 16th June 1888, on 1,513½ miles open.

|   | COACHING TRAFFIC.     |                | MERCHANDISE AND MINERAL TRAFFIC. |                   | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |           |
|---|-----------------------|----------------|----------------------------------|-------------------|-----------------------------|-----------------|--------------------------|--------------|-----------|
|   | Number of passengers. | Receipts.      | Weight carried.                  | Receipts.         |                             |                 | Coaching.                | Merchandise. | Total.    |
|   |                       | Rs. A. P.      | Mds. c.                          | Rs. A. P.         | Rs. A. P.                   | Rs. A. P.       |                          |              |           |
| Total traffic for the week ...                              | 226,110               | 2,41,138 13 0  | 38,87,827 10                     | 5,77,156 11 0     | 18,039 12 0                 | 8,30,881 4 0    | 64,544                   | 100,000      | 164,544   |
| Or per mile of railway ...                                  | 150 4 0               |                |                                  | 381 4 5           | 11 15 5                     | 552 8 5         |                          |              |           |
| For previous 23 weeks of half-year ...                      | 6,162,518             | 68,47,828 1 0  | 6,63,03,210 0                    | 1,53,04,212 10 1  | 4,98,897 8 11               | 2,20,00,079 4 0 | 1,514,478                | 2,410,500    | 3,924,978 |
| Total for 24 weeks ...                                      | 6,408,628             | 70,88,975 14 0 | 6,80,03,027 10                   | 1,58,41,369 5 1   | 5,10,397 4 11               | 2,21,07,082 8 0 | 1,579,022                | 2,511,500    | 4,090,522 |
| COMPARISON.   |                       |                |                                  |                   |                             |                 |                          |              |           |
| Total for corresponding week of previous year ...           | 932,565               | 2,44,783 18 6  | 28,81,256 0                      | 6,33,403 12 3     | 18,050 14 8                 | 8,00,410 10 4   | 61,433                   | 111,043      | 172,476   |
| Per mile of railway corresponding week of previous year ... | 191 2 5               |                |                                  | 410 15 10         | 12 4 5                      | 530 0 8         |                          |              |           |
| Total to corresponding date of previous year ...            | 6,280,018             | 68,76,916 14 2 | 6,64,36,528 0                    | 1,66,11,241 12 10 | 4,67,538 13 5               | 2,28,65,810 8 6 | 1,618,234                | 2,775,106    | 4,393,340 |

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|--|-----------|------------------|---|-----------------|---------------------------|---|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. |                         |                         |
|  | Rs.       | Rs.              |  | Rs.       | Rs.              |   | Rs.             | Rs.                       |   | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| 1,510                                    | 6,08,541  | 403              | 1,513½                                   | 6,36,983  | 421              | 1,510   | 1,11,31,493     | 400                       | 1,513½  | 1,05,13,400     | 431                       | .....                   | 6,18,087                |

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th June 1888, on 57½ miles open.

|   | COACHING TRAFFIC.     |               | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|---|-----------------------|---------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Receipts.     | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.     | Mds. c.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Total traffic for the week ...                              | 8,721                 | 4,354 4 0     | 35,338 0                         | 2,047 8 0  | 28 13 0                     | 6,870 0 0       | 1,002                    | 712          | 1,714  |
| Or per mile of railway ...                                  | 170                   | 76 2 0        | 648 0                            | 43 7 0     | 0 8 1                       | 120 1 10        |                          |              |        |
| For previous 23 weeks of half-year ...                      | 320,763               | 1,67,478 15 0 | 9,25,425 30                      | 68,023 8 0 | 840 13 0                    | 2,50,044 0 0    | 40,020                   | 12,045       | 52,065 |
| Total for 24 weeks ...                                      | 329,484               | 1,71,833 8 0  | 9,60,763 30                      | 69,119 0 0 | 875 12 0                    | 2,57,814 10 0   | 40,222                   | 12,757       | 52,979 |
| COMPARISON.   |                       |               |                                  |            |                             |                 |                          |              |        |
| Total for corresponding week of previous year ...           | 10,894                | 4,883 9 11    | 32,856 0                         | 3,756 1 0  | 33 4 5                      | 8,373 15 2      | 1,439                    | 762          | 2,201  |
| Per mile of railway corresponding week of previous year ... | 189                   | 86 1 1        | 624 10                           | 65 10 8    | 0 9 4                       | 141 6 1         |                          |              |        |
| Total to corresponding date of previous year ...            | 331,131               | 1,67,790 8 0  | 14,45,023 30                     | 84,322 0 0 | 1,116 5 8                   | 2,63,227 4 0    | 40,793                   | 12,919       | 53,712 |

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                 |                           | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                 |                           | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|--|-----------|------------------|---|-----------------|---------------------------|---|-----------------|---------------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. | Mean mileage worked.                                  | Total receipts. | Per mile worked per week. |                         |                         |
|  | Rs.       | Rs.              |  | Rs.       | Rs.              |   | Rs.             | Rs.                       |   | Rs.             | Rs.                       | Rs.                     | Rs.                     |
| 57½                                      | 1,977     | 148              | 57½                                      | 6,371     | 120              | 57½   | 1,04,070        | 167                       | 57½   | 68,876          | 157                       | .....                   | .....                   |



## DILBARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 16th June 1888, on 12 miles open.

|   | COACHING TRAFFIC.     |                   | MERCHANDISE AND MINERAL TRAFFIC. |                   | Other earnings (estimated). | Total earnings.    | TRAFFIC TRAIN-MILES RUN. |              |            |
|---|-----------------------|-------------------|----------------------------------|-------------------|-----------------------------|--------------------|--------------------------|--------------|------------|
|   | Number of passengers. | Receipts.         | Weight carried.                  | Receipts.         |                             |                    | Coaching.                | Merchandise. | Total.     |
| Total traffic for the week                              | 3,681                 | Rs. A. P. 501 0 0 | 13,325 30                        | Rs. A. P. 217 3 0 | Rs. A. P. 10 0 0            | Rs. A. P. 821 12 0 | 208 1/2                  | 2 1/2        | 409        |
| Or per mile of railway                                  | 306 75                | 41 8 3            | 1,110 40                         | 18 0 11           | 0 14 10                     | 68 4 8             | 17 1/2                   | 1/4          | 35 1/4     |
| For previous 23 weeks of half-year                      | 72,800                | 12,252 16 0       | 4,60,182 0                       | 11,714 3 0        | 221 5 8                     | 24,188 8 0         | 7,242 1/2                | 4,100        | 11,342 1/2 |
| Total for 24 weeks                                      | 76,481                | 12,753 16 0       | 4,73,507 30                      | 11,931 6 0        | 231 11 0                    | 25,170 8 0         | 7,450 1/2                | 4,325        | 11,775 1/2 |
| COMPARISON.   |                       |                   |                                  |                   |                             |                    |                          |              |            |
| Total for corresponding week of previous year           | 5,285 1/2             | 486 12 7          | 7,020 30                         | 180 3 0           | 5 9 0                       | 687 8 7            | 308 1/2                  | 1 1/2        | 409 1/2    |
| Per mile of railway corresponding week of previous year | 438 1/2               | 41 5 1            | 1,110 40                         | 15 4 3            | 0 7 5                       | 57 4 0             | 17 1/2                   | 1/4          | 35 1/4     |
| Total to corresponding date of previous year            | 76,241                | 12,612 0 4        | 4,71,017 30                      | 11,573 5 0        | 200 9 9                     | 25,192 8 1         | 7,309 1/2                | 4,304        | 11,613 1/2 |

Approximate Statement of gross receipts of the Dilbarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|--|-----------|------------------|---|-----------------|------------------|---|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 12                                       | Rs. 688   | Rs. 57           | 12                                       | Rs. 682   | Rs. 77           | 12  | Rs. 13,392      | Rs. 101          | 12  | Rs. 10,637      | Rs. 88           | .....                   | 745                     |

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th June 1888, on 74 1/2 miles open.

|   | COACHING TRAFFIC.     |                     | MERCHANDISE AND MINERAL TRAFFIC. |                      | Other earnings (estimated). | Total earnings.      | TRAFFIC TRAIN-MILES RUN. |              |            |
|---|-----------------------|---------------------|----------------------------------|----------------------|-----------------------------|----------------------|--------------------------|--------------|------------|
|   | Number of passengers. | Receipts.           | Weight carried.                  | Receipts.            |                             |                      | Coaching.                | Merchandise. | Total.     |
| Total traffic for the week                              | 4,617                 | Rs. A. P. 3,237 2 0 | 91,481 10                        | Rs. A. P. 5,631 12 0 | Rs. A. P. 115 0 0           | Rs. A. P. 8,982 12 0 | 582                      | 1,708 1/2    | 2,300 1/2  |
| Or per mile of railway                                  | 61 1/2                | 43 4 8              | 1,218 10                         | 75 4 8               | 1 8 3                       | 120 1 8              | 7 1/2                    | 23 1/2       | 31 1/2     |
| For previous 23 weeks of half-year                      | 121,251               | 20,754 2 0          | 10,90,285 10                     | 13,460 18 0          | 2,437 15 0                  | 1,85,048 14 0        | 16,273                   | 24,872 1/2   | 41,145 1/2 |
| Total for 24 weeks                                      | 125,868               | 20,971 9 0          | 10,91,706 20                     | 13,536 6 0           | 2,552 8 0                   | 1,85,651 10 0        | 16,855 1/2               | 26,580 1/2   | 43,435 1/2 |
| COMPARISON.   |                       |                     |                                  |                      |                             |                      |                          |              |            |
| Total for corresponding week of previous year           | 5,301                 | 5,213 8 4           | 1,03,100 20                      | 2,058 1 0            | 47 8 0                      | 8,301 1 10           | 706                      | 1,030        | 1,744      |
| Per mile of railway corresponding week of previous year | 71 1/2                | 69 11 7             | 1,386 10                         | 27 4 4               | 0 10 2                      | 112 1 1              | 9 1/2                    | 13 1/2       | 23 1/2     |
| Total to corresponding date of previous year            | 140,424               | 1,12,248 4 10       | 14,54,005 0                      | 1,08,744 4 0         | 2,305 14 8                  | 2,24,308 7 7         | 17,847                   | 20,725       | 38,572     |

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1888.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                 |                  | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                 |                  | Total increase in 1888. | Total decrease in 1888. |
|--|-----------|------------------|--|-----------|------------------|---|-----------------|------------------|---|-----------------|------------------|-------------------------|-------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Per mile worked. | Rs.                     | Rs.                     |
| 74 1/2                                   | Rs. 3,237 | Rs. 43           | 74 1/2                                   | Rs. 3,081 | Rs. 41           | 74 1/2  | Rs. 1,01,049    | Rs. 136          | 74 1/2  | Rs. 82,000      | Rs. 109          | .....                   | 14,489                  |



## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 16th June 1888, on 22½ miles open.

|   | COACHING TRAFFIC.     |              | MERCHANDISE AND MINERAL TRAFFIC. |            | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |        |
|---|-----------------------|--------------|----------------------------------|------------|-----------------------------|-----------------|--------------------------|--------------|--------|
|   | Number of passengers. | Receipts.    | Weight carried.                  | Receipts.  |                             |                 | Coaching.                | Merchandise. | Total. |
|   |                       | Rs. A. P.    | Mds. S.                          | Rs. A. P.  | Rs. A. P.                   | Rs. A. P.       |                          |              |        |
| Traffic for the week                                    | 18,469                | 4,025 5 0    | 7,890 0                          | 270 15 0   | 5 11 0                      | 4,000 15 0      | 669                      | 51           | 608    |
| per mile of railway                                     | 820                   | 207 14 9     | 350 0                            | 12 2 10    | 0 7 0                       | 220 8 7         | 30                       | 2            | 28     |
| previous 23 weeks of half-year                          | 413,635               | 1,54,510 0 0 | 1,89,160 20                      | 6,052 0 0  | 165 10 8                    | 1,41,564 0 8    | 20,737                   | 1,703        | 22,440 |
| Total for 24 weeks                                      | 432,104               | 1,58,535 5 0 | 1,97,050 20                      | 7,222 15 0 | 170 10 8                    | 1,43,785 5 8    | 21,406                   | 1,754        | 23,160 |
| COMPARISON.   |                       |              |                                  |            |                             |                 |                          |              |        |
| for corresponding week of previous year                 | 16,950                | 4,178 8 5    | 7,602 10                         | 294 0 0    | 5 4 3                       | 4,273 5 8       | 609                      | 00           | 609    |
| per mile of railway corresponding week of previous year | 750                   | 187 11 4     | 340 0                            | 13 3 10    | 0 1 8                       | 201 6 10        | 27                       | 0            | 27     |
| total to corresponding date of previous year            | 420,729               | 1,50,909 7 3 | 2,02,742 10                      | 7,003 12 0 | 181 0 8                     | 1,50,910 4 0    | 22,000                   | 1,512        | 23,512 |

Approximate Statement of gross receipts of the Tarkeessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |                  |                      | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |                  |                      | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                  |                      | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                  |                      | Total increase in 1888. | Total decrease in 1888. |
|--|------------------|----------------------|--|------------------|----------------------|---|------------------|----------------------|---|------------------|----------------------|-------------------------|-------------------------|
| Receipts.                                | Per mile worked. | Mean mileage worked. | Receipts.                                | Per mile worked. | Mean mileage worked. | Total receipts.                                       | Per mile worked. | Mean mileage worked. | Total receipts.                                       | Per mile worked. | Mean mileage worked. | Rs.                     | Rs.                     |
| Rs.                                      | Rs.              | Mds.                 | Rs.                                      | Rs.              | Mds.                 | Rs.   | Rs.              | Mds.                 | Rs.   | Rs.              | Mds.                 | Rs.                     | Rs.                     |
| 4,473                                    | 201              | 221                  | 4,907                                    | 221              | 221                  | 67,491  | 276              | 221                  | 70,013  | 280              | 280                  | 3,027                   | .....                   |

## TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 16th June 1888, on 259 miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |               | Other earnings (estimated). | Total earnings. | TRAFFIC TRAIN-MILES RUN. |              |         |
|---|-----------------------|--------------------|----------------------------------|---------------|-----------------------------|-----------------|--------------------------|--------------|---------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.     |                             |                 | Coaching.                | Merchandise. | Total.  |
|   |                       | Rs. A. P.          | Mds. S.                          | Rs. A. P.     | Rs. A. P.                   | Rs. A. P.       |                          |              |         |
| Traffic for the week on 259 miles open                    | 36,106                | 13,055 0 0         | 1,71,500 0                       | 15,245 0 0    | 2,900 0 0                   | 31,235 0 0      | 5,796                    | 7,277        | 13,073  |
| per mile of railway                                       | 139                   | 50 7 0             | 662 0                            | 59 15 0       | 11 10 0                     | 121 15 0        | 22                       | 28           | 50      |
| previous 23 weeks of half-year                            | 1,000,985             | 380,641 0 0        | 44,00,139 0                      | 4,70,953 0 0  | 74,521 0 0                  | 5,45,474 0 0    | 111,281                  | 178,320      | 289,601 |
| Total for 24 weeks  | 1,037,091             | 3,93,706 0 0       | 45,71,639 0                      | 4,86,198 0 0  | 77,421 0 0                  | 5,63,619 0 0    | 117,077                  | 185,597      | 302,674 |
| COMPARISON.   |                       |                    |                                  |               |                             |                 |                          |              |         |
| for corresponding week of previous year on 240 miles open | 30,080                | 13,856 0 7         | 2,21,383 10                      | 23,008 12 6   | 3,474 2 1                   | 30,339 8 2      | 6,162                    | 7,046        | 13,208  |
| per mile of railway corresponding week of previous year   | 125                   | 58 10 0            | 922 0                            | 96 0 0        | 14 5 0                      | 126 14 5        | 26                       | 29           | 55      |
| total to corresponding date of previous year              | 931,324               | 3,54,325 5 6       | 40,00,065 30                     | 4,02,228 10 0 | 77,021 0 4                  | 4,79,346 5 4    | 107,544                  | 145,104      | 252,648 |

\* Steam-boat earnings included in calculating "Total earnings per mile of Railway."

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |                  |                      | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |                  |                      | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                  |                      | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                  |                      | Total increase in 1888. | Total decrease in 1888. |
|--|------------------|----------------------|--|------------------|----------------------|---|------------------|----------------------|---|------------------|----------------------|-------------------------|-------------------------|
| Receipts.                                | Per mile worked. | Mean mileage worked. | Receipts.                                | Per mile worked. | Mean mileage worked. | Total receipts.                                       | Per mile worked. | Mean mileage worked. | Total receipts.                                       | Per mile worked. | Mean mileage worked. | Rs.                     | Rs.                     |
| Rs.                                      | Rs.              | Mds.                 | Rs.                                      | Rs.              | Mds.                 | Rs.   | Rs.              | Mds.                 | Rs.   | Rs.              | Mds.                 | Rs.                     | Rs.                     |
| 40,340                                   | 102              | 260                  | 51,206                                   | 121              | 249                  | 3,82,445  | 140              | 250                  | 4,08,670  | 143              | 250                  | 10,227                  | .....                   |

1888

## SUPPLEMENT TO THE CALCUTTA GAZETTE, JUNE 27, 1888.

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 16th June 1888, on 27½ miles open.

|   | COACHING TRAFFIC.     |                    | MERCHANDISE AND MINERAL TRAFFIC. |             | (Other earnings (estimated)). | Total earnings. | TRAFFIC TRAFFIC, MILES &c. |              |        |
|---|-----------------------|--------------------|----------------------------------|-------------|-------------------------------|-----------------|----------------------------|--------------|--------|
|   | Number of passengers. | Coaching receipts. | Weight carried.                  | Receipts.   |                               |                 | Coaching.                  | Merchandise. | Total. |
|   |                       | Rs. A. P.          | Mds. S.                          | Rs. A. P.   | Rs. A. P.                     | Rs. A. P.       |                            |              |        |
| Total traffic for the week                                | 3,775                 | 1,061 5 7          | 14,548 20                        | 690 14 0    | 10 13 10                      | 2,073 1 5       | 589                        | 254          |        |
| Of which, viz. of 1st class                               | 108                   | 30 11 0            | 524 0                            | 30 6 0      | 0 5 0                         | 70 7 0          |                            |              |        |
| For previous week of half-year                            | 74,601                | 27,070 10 5        | 1,32,478 10                      | 18,930 3 0  | 442 3 3                       | 46,971 14 7     | 17,707                     | 6,333        | 24     |
| Total for 24 weeks  | 77,376                | 28,035 0 0         | 3,47,026 0                       | 19,020 11 0 | 433 0 0                       | 49,055 0 0      | 19,216                     | 9,737        | 24     |
| COMPARISON.   |                       |                    |                                  |             |                               |                 |                            |              |        |
| Total for corresponding week of previous year             | 3,906                 | 1,074 19 5         | 7,305 20                         | 529 0 0     | 10 10 0                       | 1,611 0 5       | 600                        | 254          |        |
| Per mile of railway corresponding period of previous year | 110                   | 39 7 0             | 268 0                            | 19 1 0      | 0 10 0                        | 59 2 0          |                            |              |        |
| Total to corresponding date of previous year              | 73,004                | 27,704 2 11        | 2,80,420 20                      | 17,134 5 11 | 464 10 7                      | 43,487 3 2      | 12,284                     | 7,926        | 20     |

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

| RECEIPTS FOR WEEK ENDING 16TH JUNE 1887. |           |                  | RECEIPTS FOR WEEK ENDING 16TH JUNE 1888. |           |                  | TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH JUNE 1887. |                 | TOTAL RECEIPTS FROM 1ST APRIL 1888 TO 16TH JUNE 1888. |                 | Total increase in 1887-88. | Total decrease in 1887-88. |
|--|-----------|------------------|--|-----------|------------------|---|-----------------|---|-----------------|----------------------------|----------------------------|
| Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                     | Receipts. | Per mile worked. | Mean mileage worked.                                  | Total receipts. | Mean mileage worked.                                  | Total receipts. |                            |                            |
|  | Rs.       | Rs.              |  | Rs.       | Rs.              |   | Rs.             |   | Rs.             | Rs.                        | Rs.                        |
| 27½                                      | 1,011     | 37               | 27½                                      | 2,083     | 76               | 27½   | 19,424          | 27½   | 20,026          | 594                        |                            |